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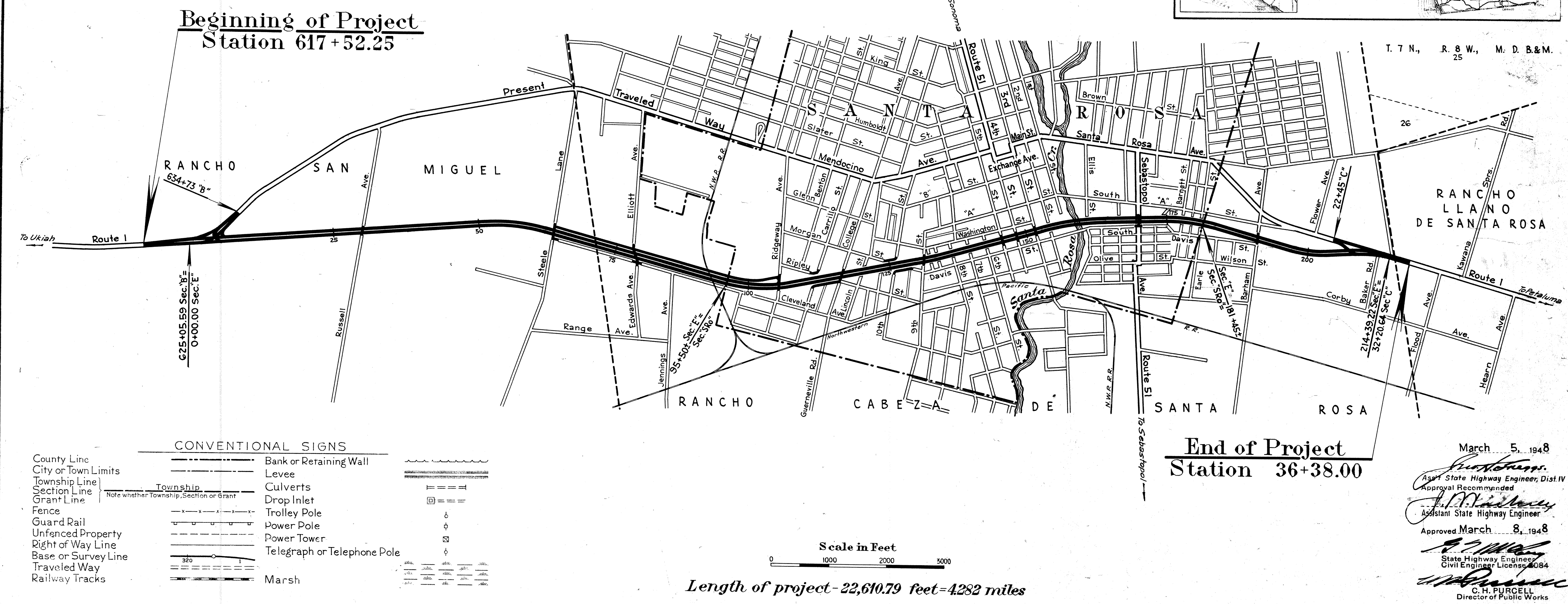
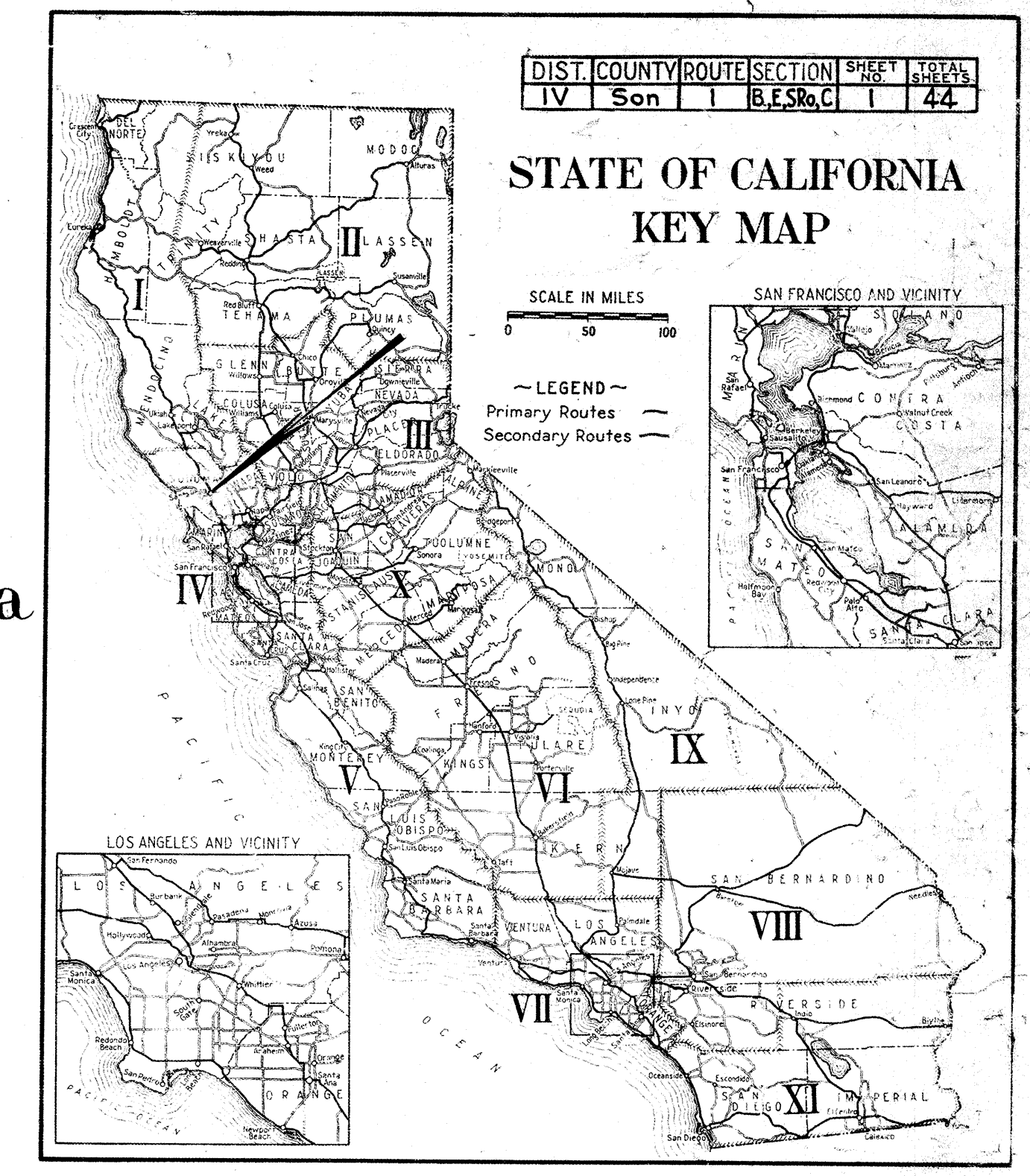
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STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PLAN AND PROFILE OF
STATE HIGHWAY
In Sonoma County, between 2.0 miles north and 0.7 mile south of Santa Rosa

Scales { Plan: 1 in. = 100 Ft.
Profile: Hor. 1 in. = 100 Ft. Vert. 1 in. = 5 Ft.

(being the detail plans of a portion of the route for the State highway adopted by the California Highway Commission September 26, 1916, January 13, 1916 and July 20, 1944)



March 5, 1948

Approved March 8, 1948

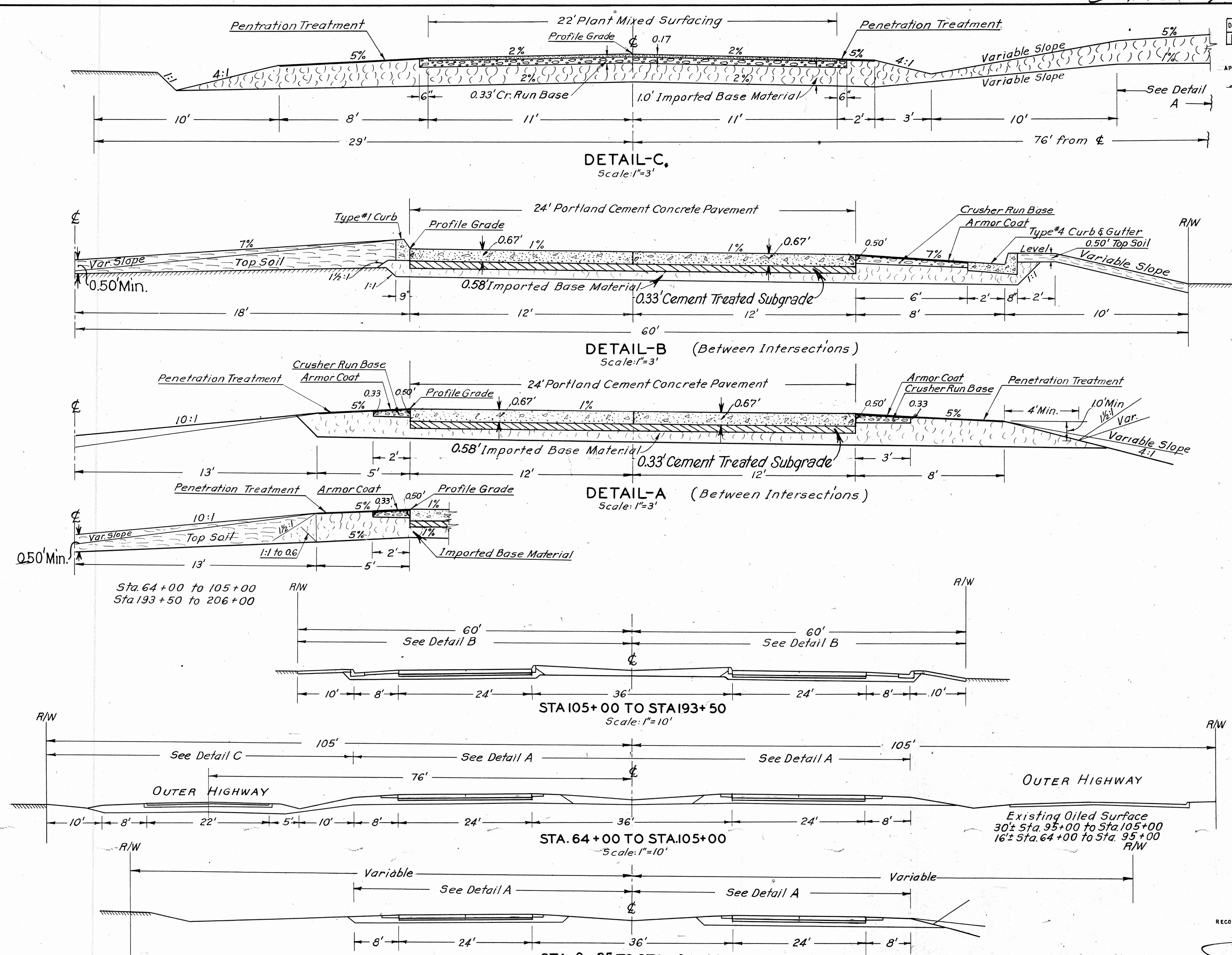
State Highway Engineer
Civil Engineer License 4084

C. H. PURCELL
Director of Public Works

U 145(17)

DIST.	COUNTY	ROUTE	SEC.	SHEET	TOTAL
IV	SON.	1	1	2	44

APPROVED March 8, 1948
[Signature]
 State Highway Engineer
 CIVIL ENGINEER LICENSE No. 2084



STA. "A" 617+52.25 TO "E" 131+00 800-M-50
 STA. 131+00 TO 169+75 1150-M-50
 STA. "E" 169+75 TO "B" 36+38 750-M-50

TYPICAL CROSS-SECTIONS Scales As Shown

Note: See Sheet No 5 for Paving Details

RECOMMENDED March 5, 1948
[Signature]
 Asst. State Highway Engineer
[Signature]
 Asst. State Highway Engineer

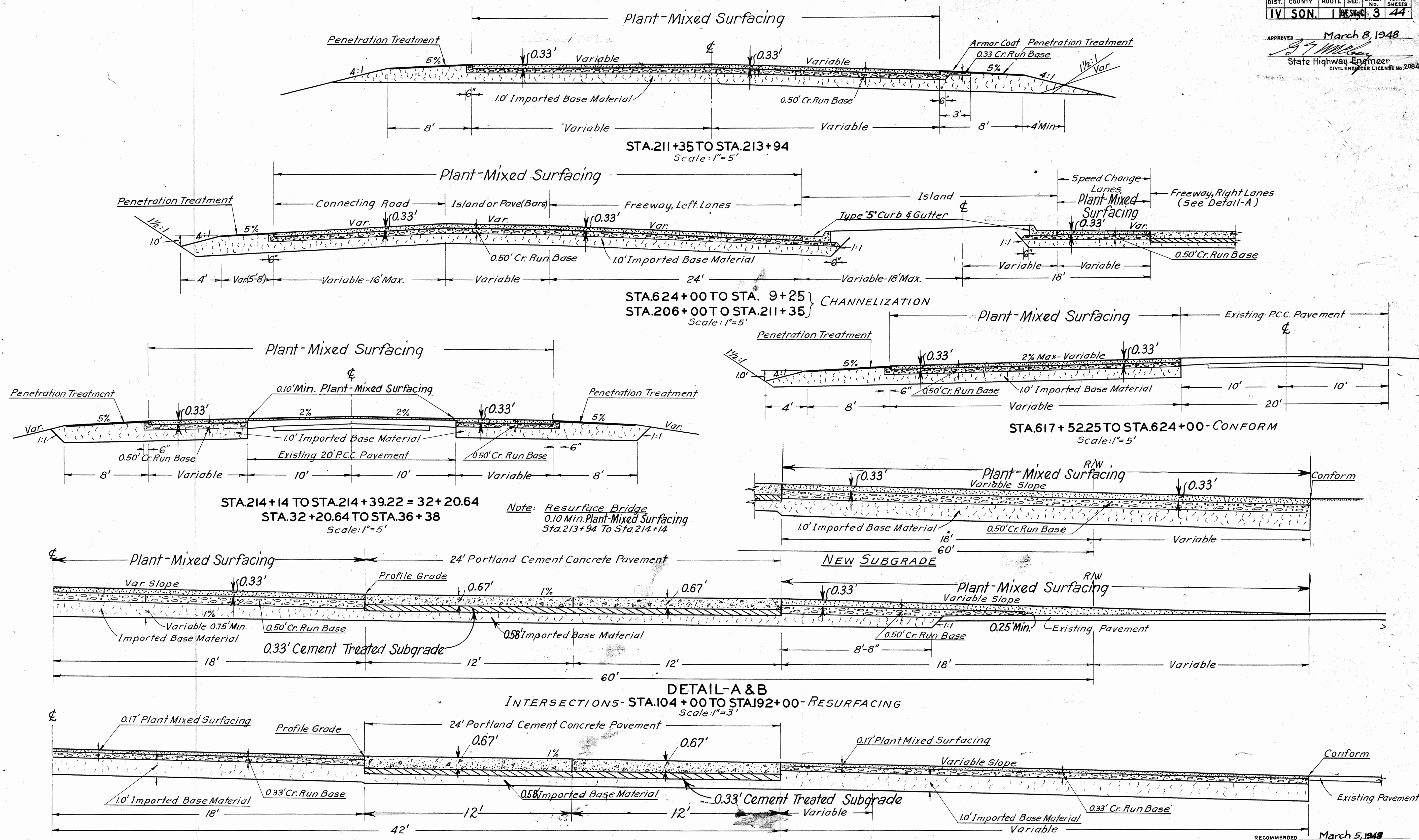
20
M

OK 7/11/48 316

U 145(17)

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
IV	SON.	1	BESK	3	44

APPROVED March 8, 1948
 State Highway Engineer
 CIVIL ENGINEER LICENSE NO. 2084



STA. "A" 617+52.25 TO E 131+00 800-M-50
 STA. 131+00 TO 169+75 1150-M-50
 STA. E 169+75 TO B 36+38 750-M-50

ⓑ

TYPICAL CROSS-SECTIONS

Scales As Shown

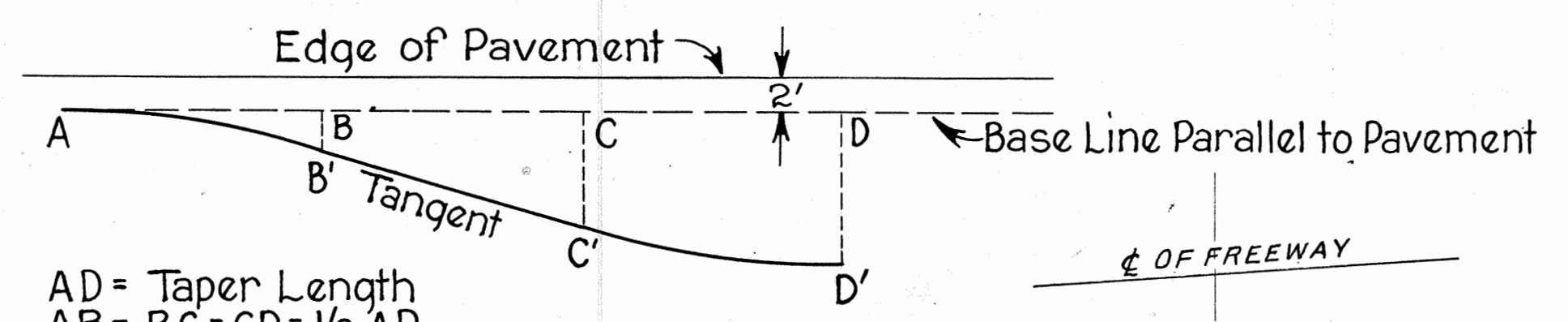
Note: See Sheet No 5 for Paving Details

RECOMMENDED March 5, 1948
 P.M. Willis
 Asst. State Highway Engineer
 J.M. Wilkey
 Asst. State Highway Engineer

U145(17)

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
IV	SON.	1	BESIDE	4	44

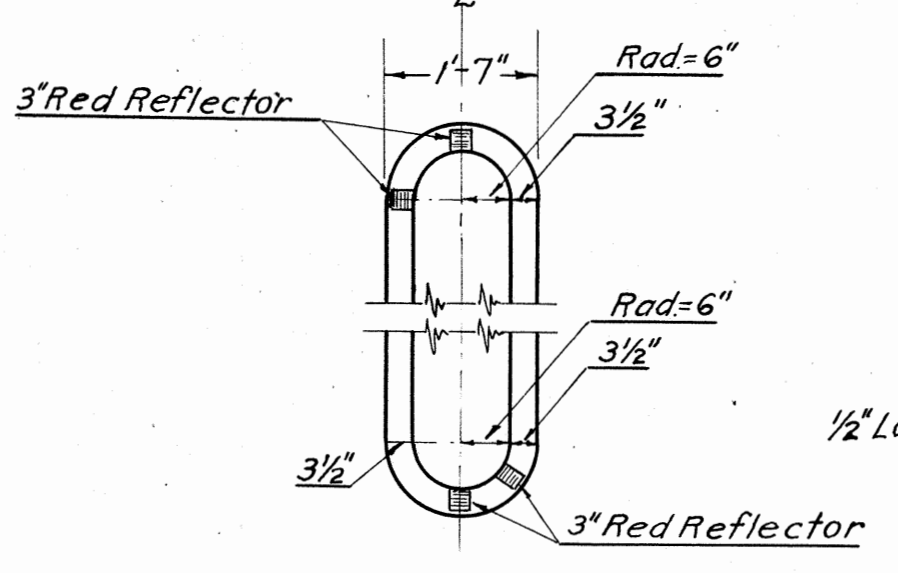
APPROVED *March 8, 1948*
[Signature]
 State Highway Engineer
 CIVIL ENGINEER LICENSE No. 2084



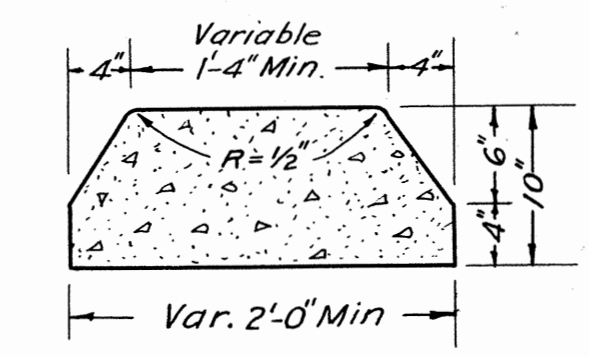
AD = Taper Length
 AB = BC = CD = 1/3 AD
 AB' and C'D' are Parabolic Curves

Offset from Base Line	Length of Taper, Feet	Distance from Point A
DD = 10'	180'	270'
0	15'	22.5'
0.16'	30'	45'
0.62'	45'	67.5'
1.41'	60'	90'
2.50'	90'	135'
5.00'	120'	180'
8.59'	135'	202.5'
9.38'	150'	225'
9.84'	165'	247.5'
10.0'	180'	270'

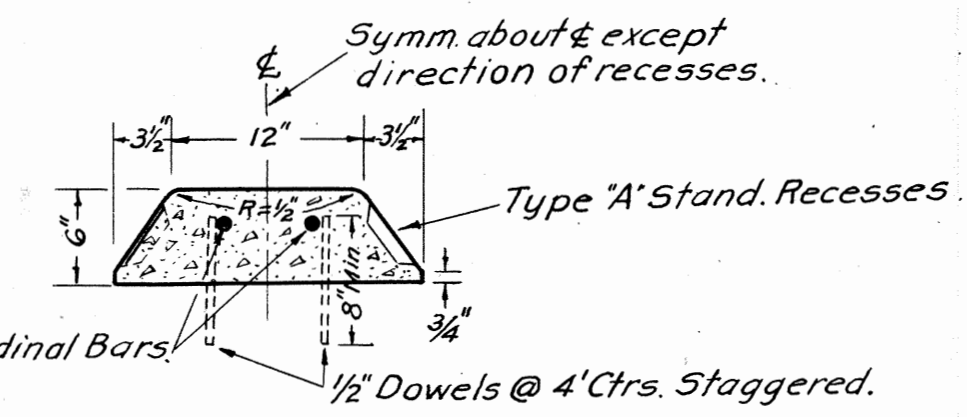
Standard Taper



PLAN
 TYPE "8" CURB
 SHOWING LOCATION
 OF 3" RED REFLECTOR
 Scale: 1/2" = 1'-0"



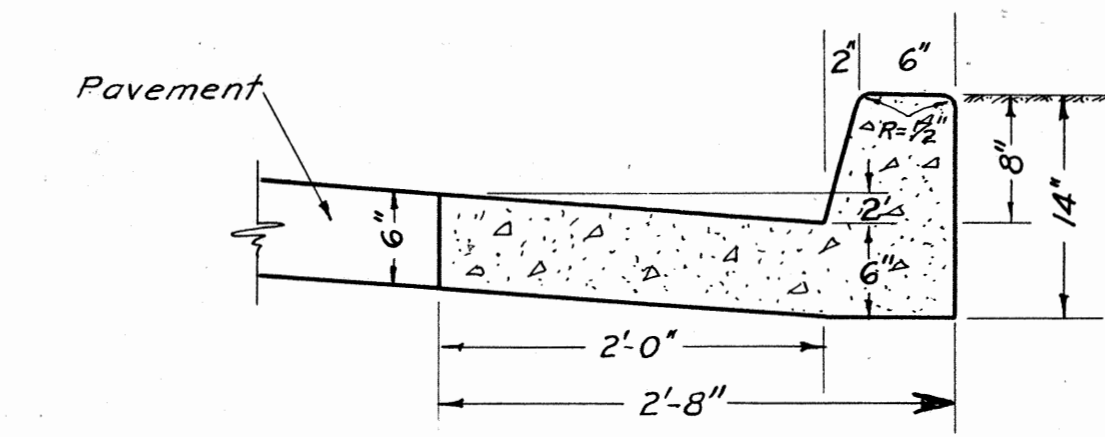
TYPE "7" CURB
 Scale: 1" = 1'-0"



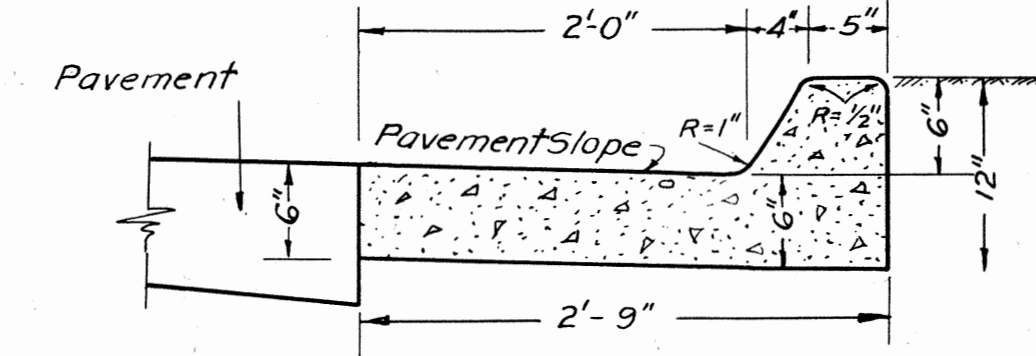
TYPE "8" CURB
 Scale: 1" = 1'-0"

SECTION AT 3" REFLECTOR
 Scale: 1" = 0'-4"

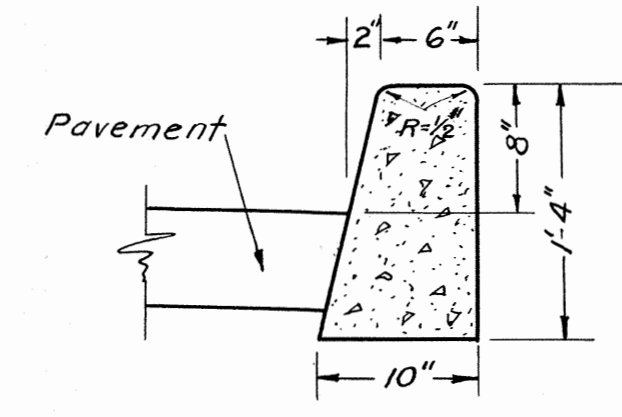
Note: Curb Types 1, 2, 3, 5, 7, & 8 to be recessed as shown on standard curb sheet



TYPE "4" CURB & GUTTER DETAIL
 Scale: 1" = 1'-0"



TYPE "5" CURB & GUTTER DETAIL
 Scale: 1" = 1'-0"

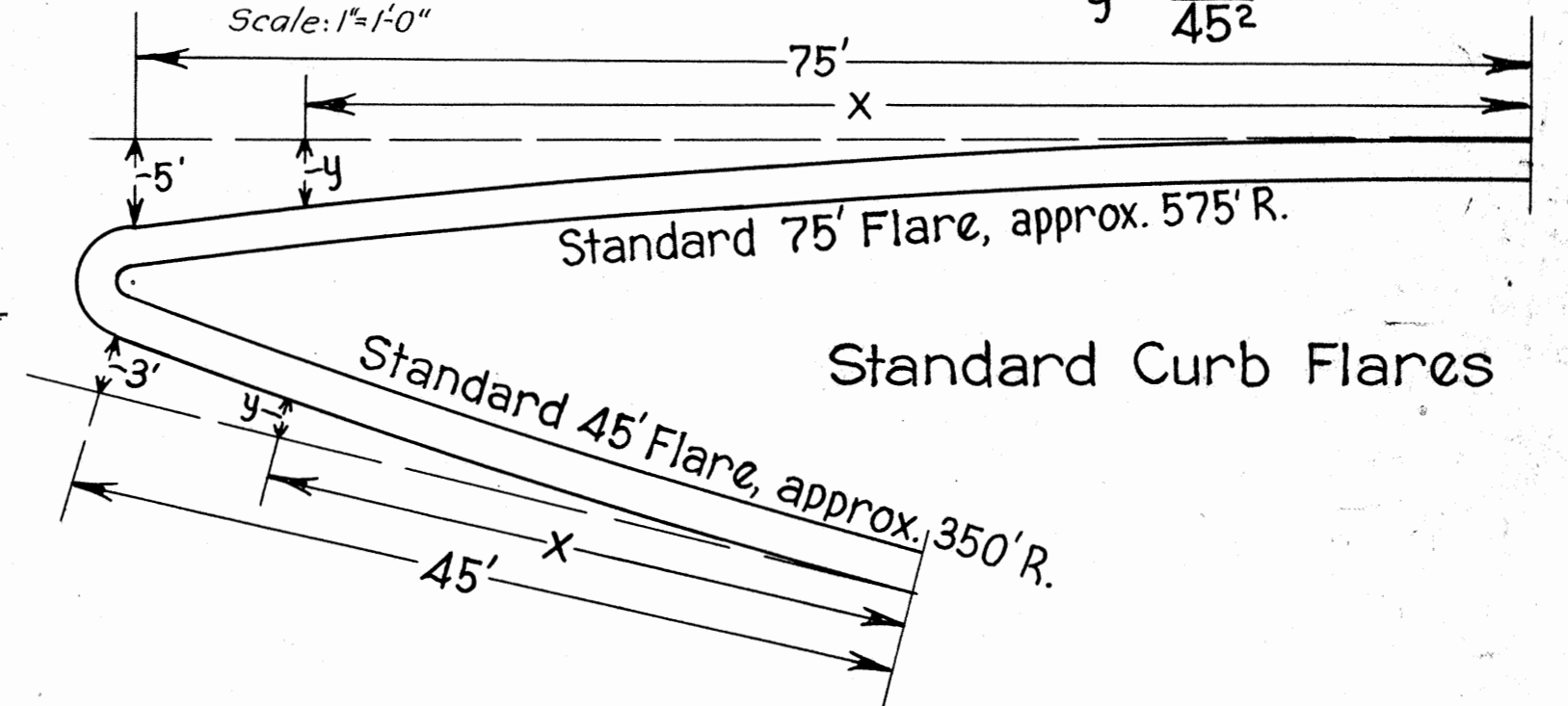


TYPE "6" CURB DETAIL
 Scale: 1" = 1'-0"

45' Flare

X	Y	Δ
10'	0.15'	1° 41' 50"
20'	0.59'	3° 23' 29"
30'	1.33'	5° 04' 45"
40'	2.37'	6° 45' 33"
45'	3.00'	7° 35' 41"

$y = \frac{3x^2}{45^2}$



Standard Curb Flares

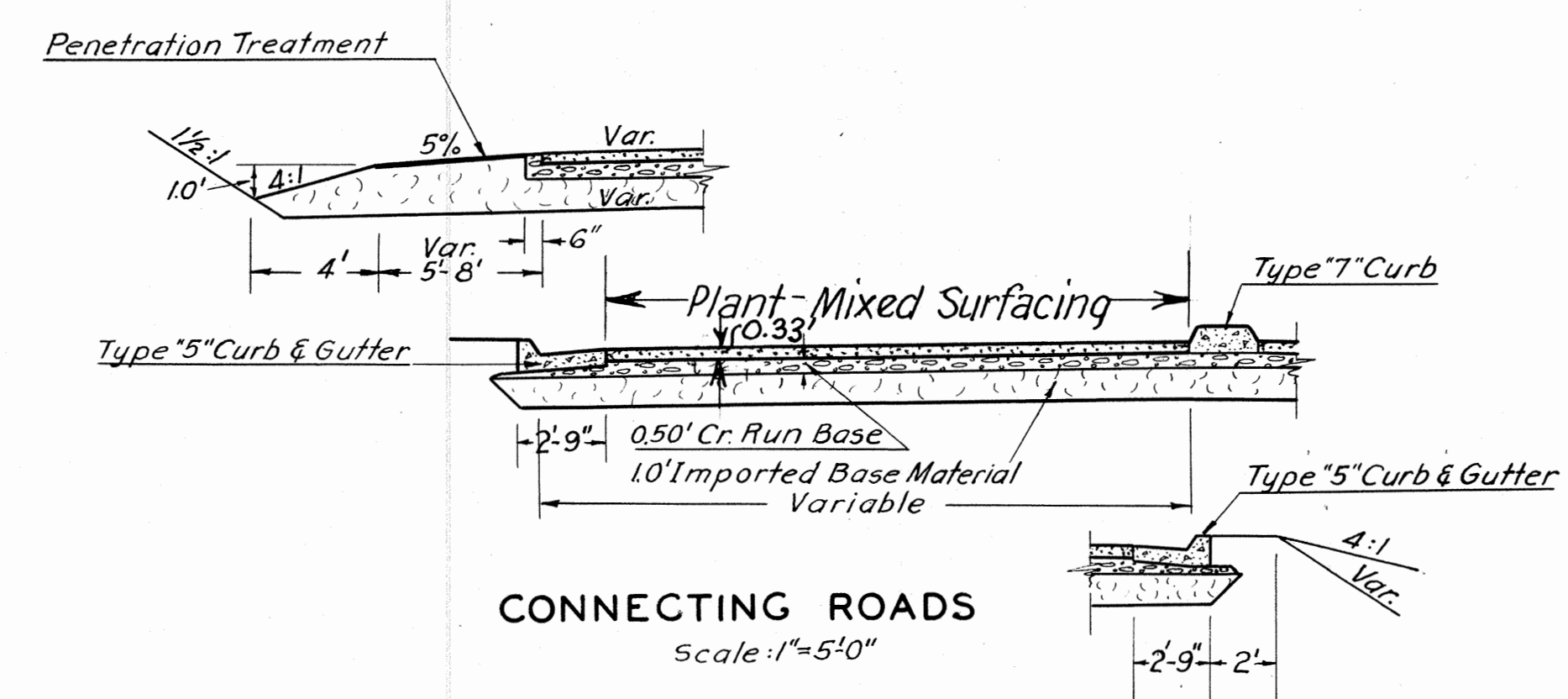
75' Flare

X	Y	Δ
10'	0.09'	1° 01' 06"
20'	0.36'	2° 02' 11"
30'	0.80'	3° 03' 10"
40'	1.42'	4° 04' 03"
50'	2.22'	5° 04' 46"
60'	3.20'	6° 05' 18"
70'	4.36'	7° 05' 18"
75'	5.00'	7° 35' 40"
82.16'	6.00'	8° 18' 35"
88.74'	7.00'	8° 57' 55"
94.87'	8.00'	9° 34' 23"

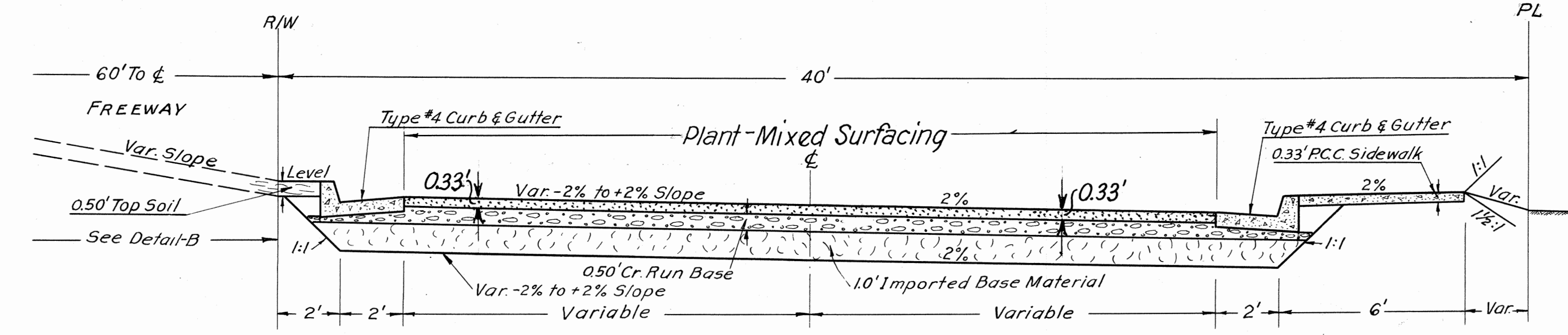
$y = \frac{5x^2}{75^2}$

RECOMMENDED *March 5, 1948*

J. M. Gillis
 Asst. State Highway Engineer
J. M. Gillis
 Asst. State Highway Engineer



CONNECTING ROADS
 Scale: 1" = 5'-0"



STA. S₁₁ + 87 TO STA. I₃ + 50
 STA. S₁₁ + 50 TO STA. I₅ + 22
 STA. S₂₄ + 87 TO STA. I₆ + 71
 STA. S₂₅ + 38 TO STA. I₉ + 38
 Scale: 1" = 3'-0"

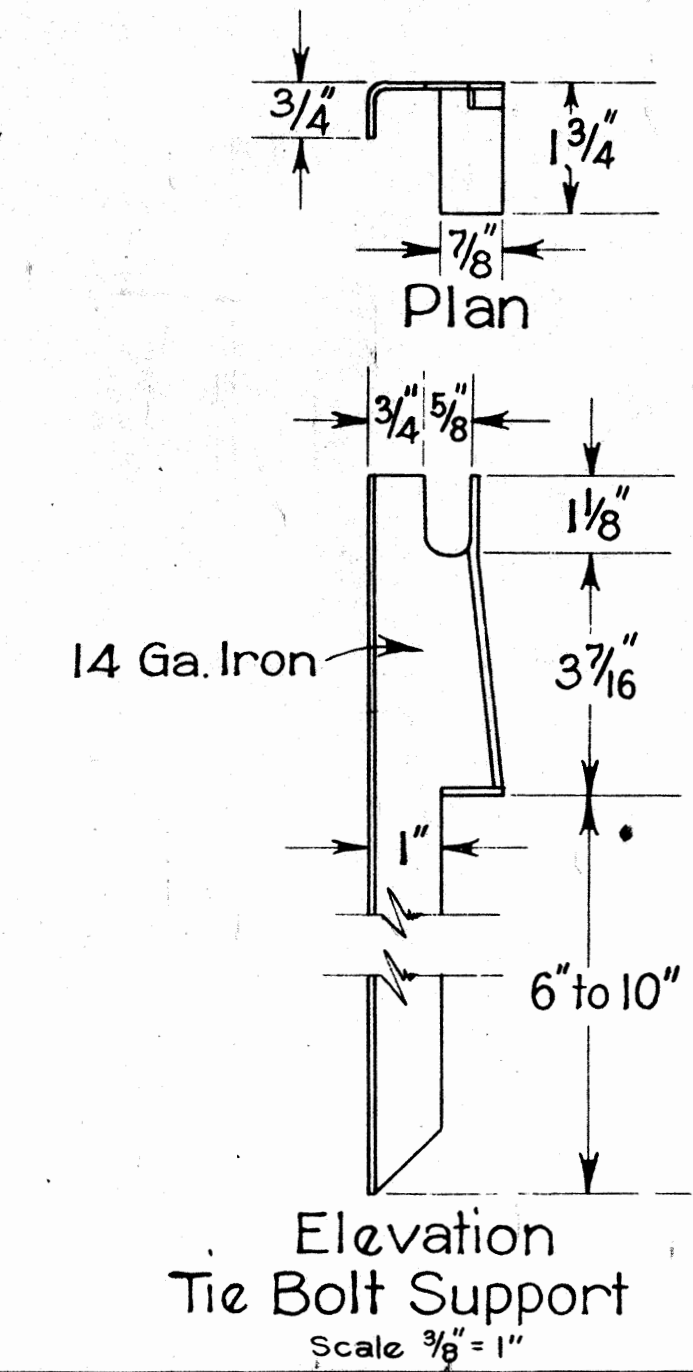
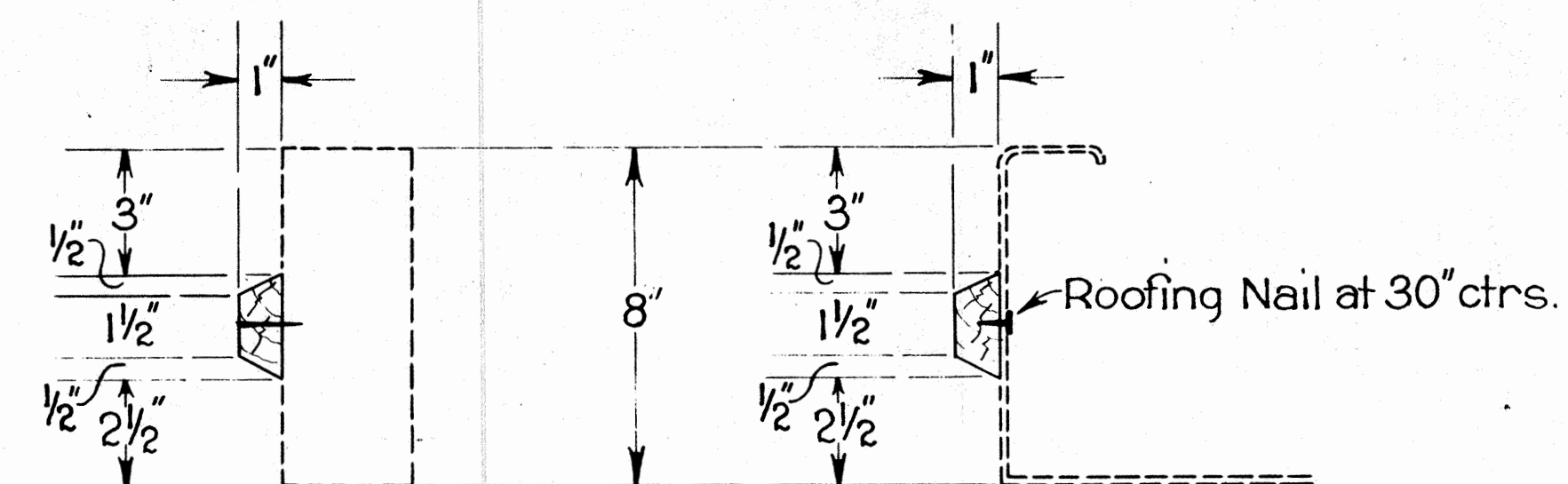
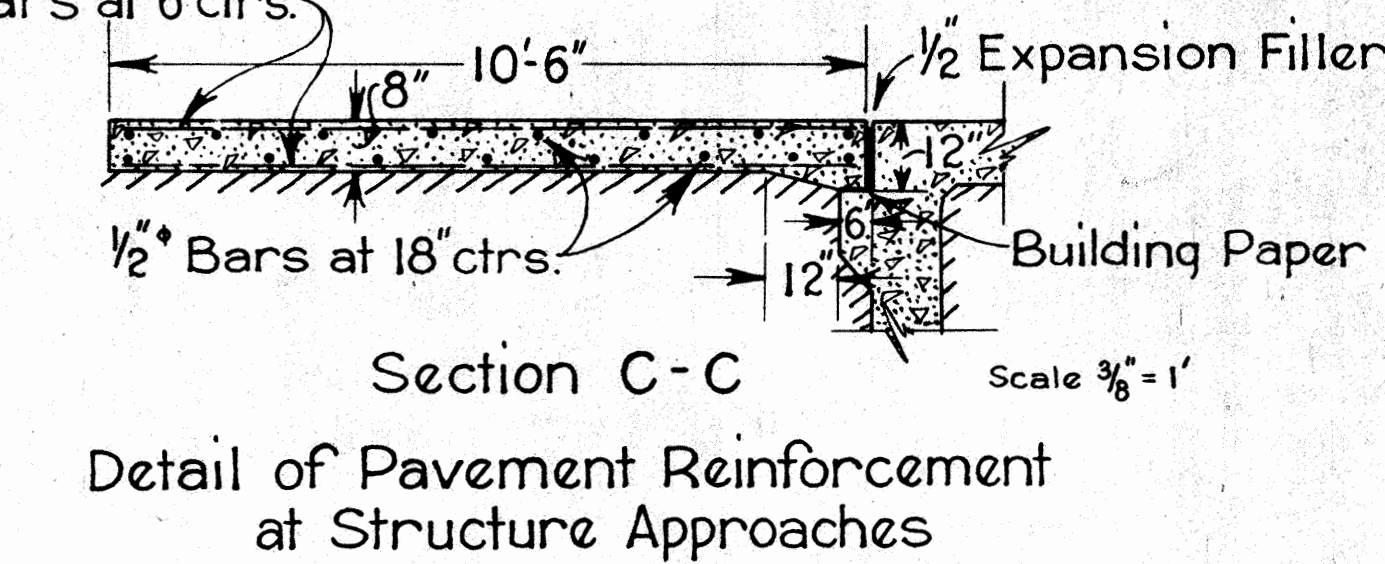
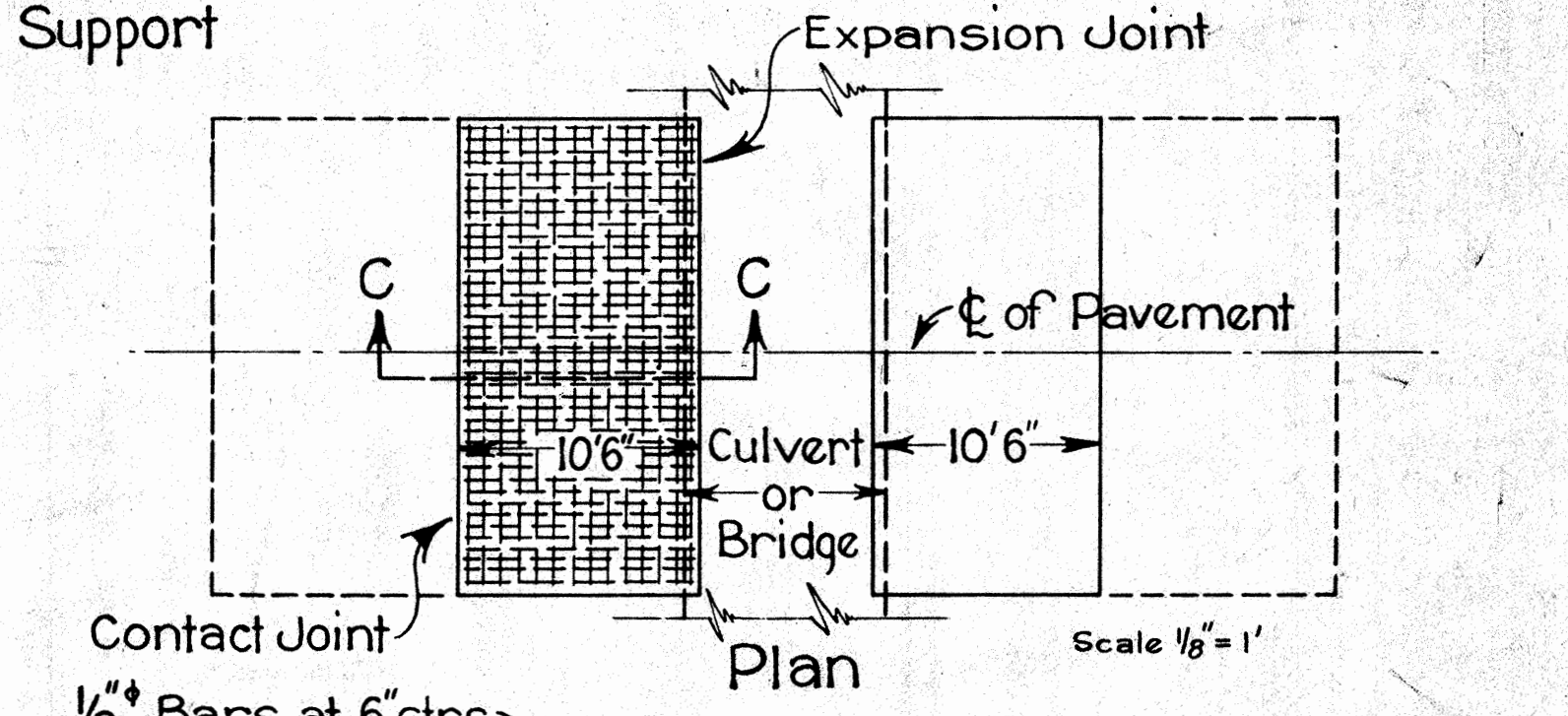
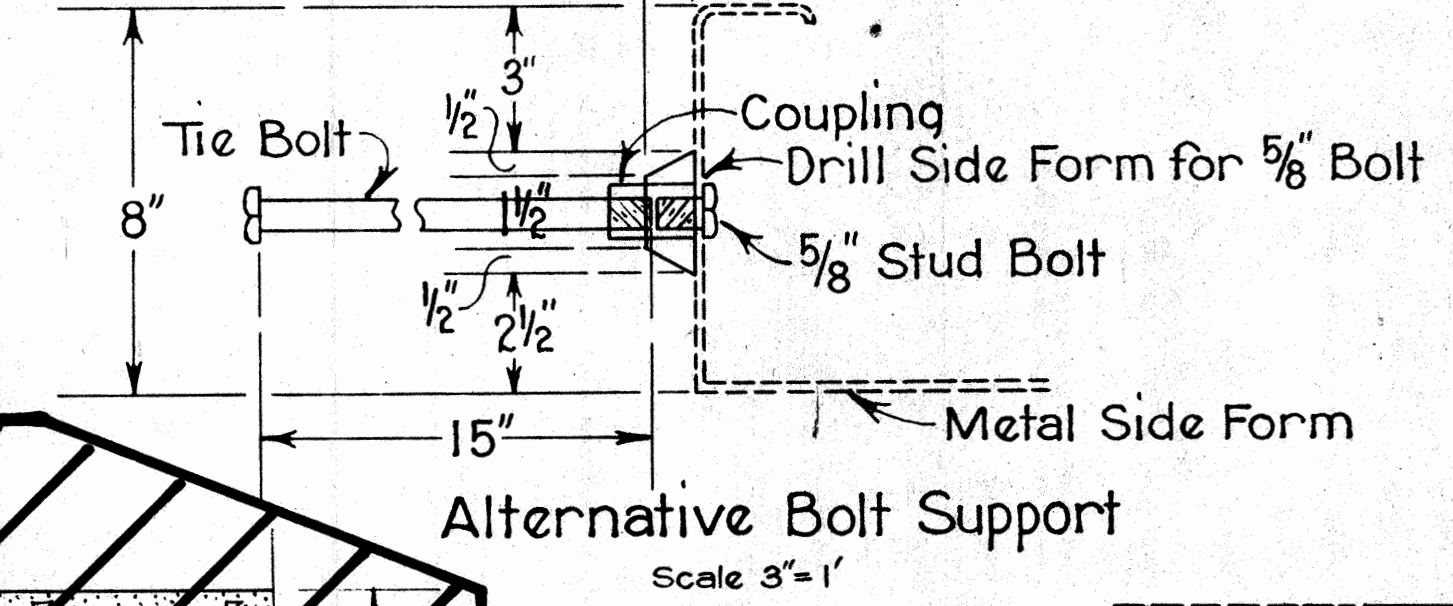
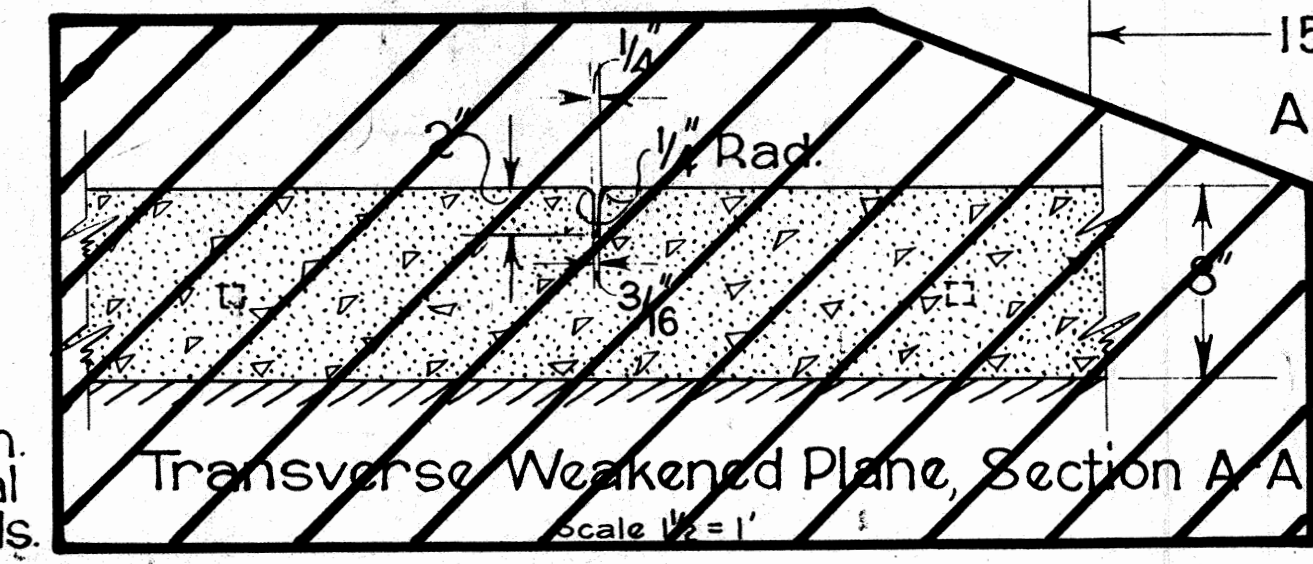
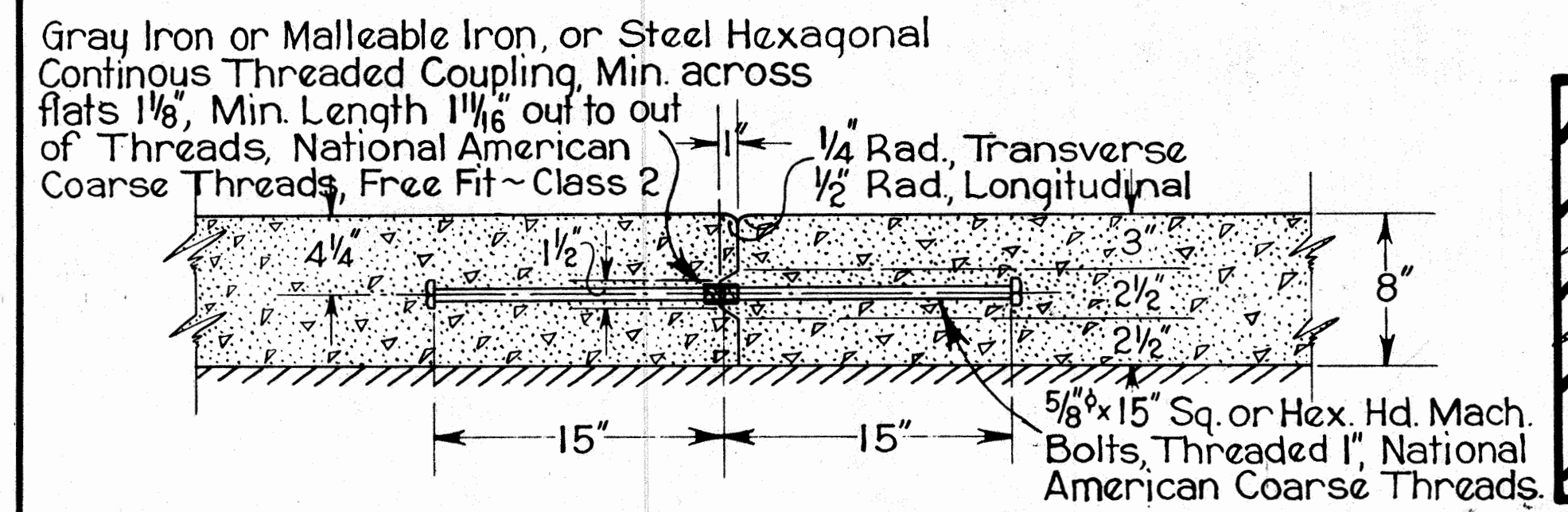
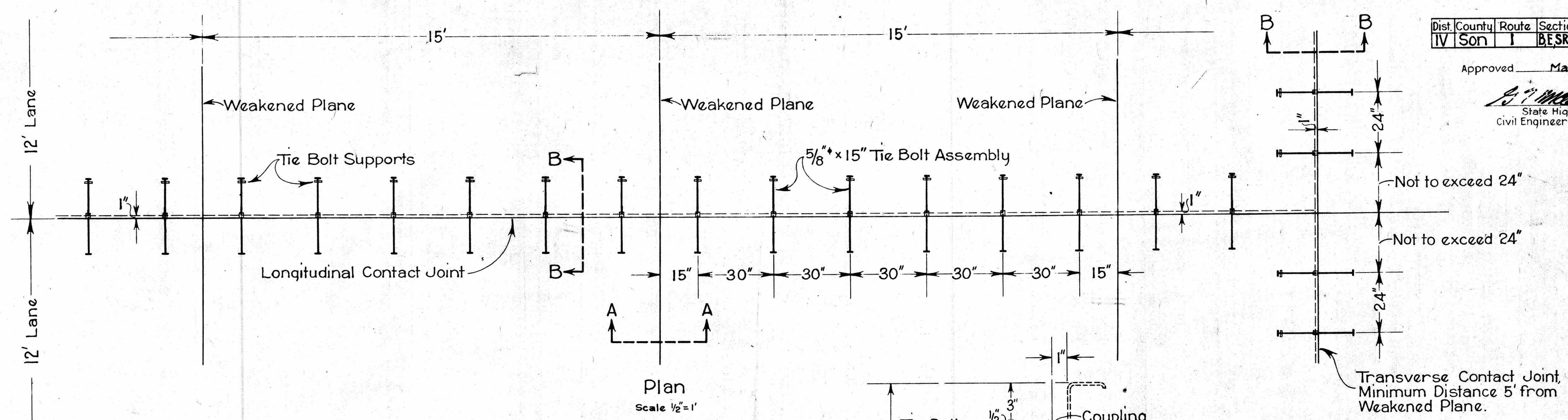
(IV - Son - I - B, E, S, R, C)
 2 Miles North and 0.7 Miles South of Santa Rosa

TYPICAL CROSS SECTIONS Scales As Shown

38

Approved March 8, 1948

J. M. Gillis
State Highway Engineer
Civil Engineer License No. 2084



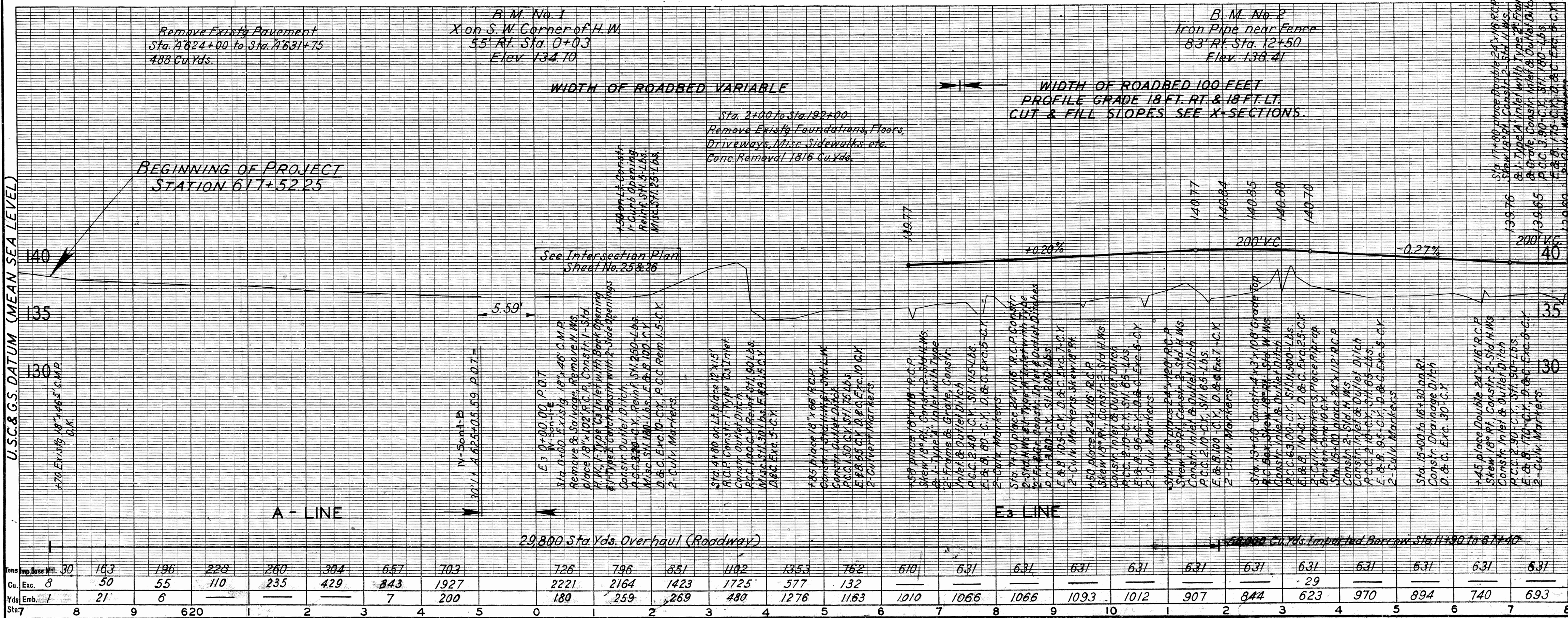
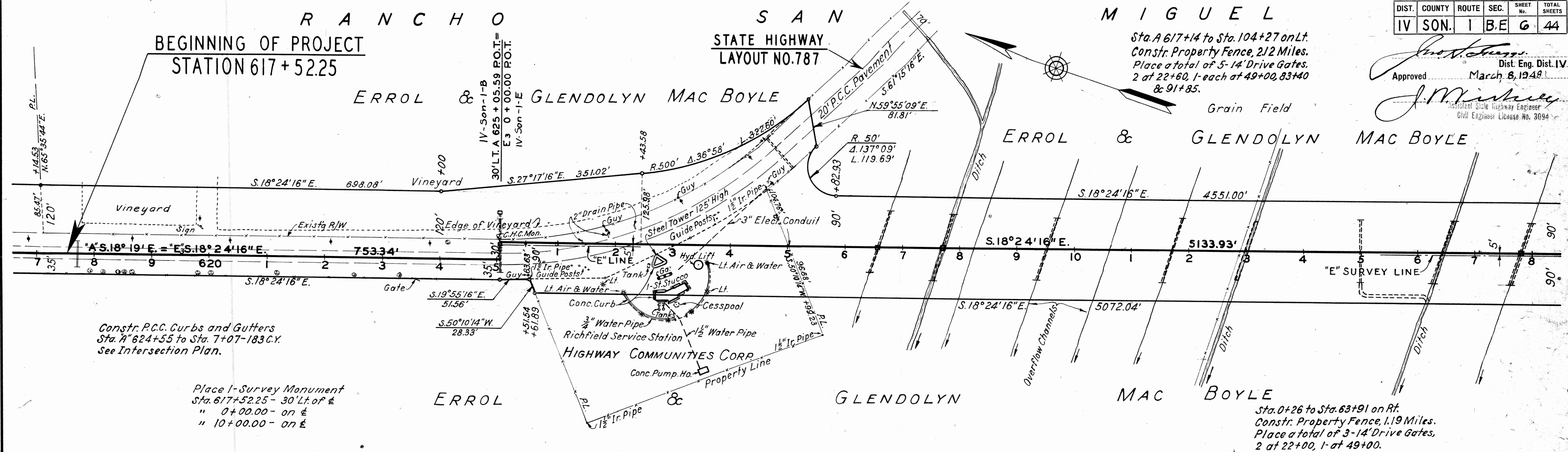
State of California
Department of Public Works
Division of Highways
PAVING DETAILS

Recommended March 5, 1948

J. M. Gillis
Asst. State Highway Engineer

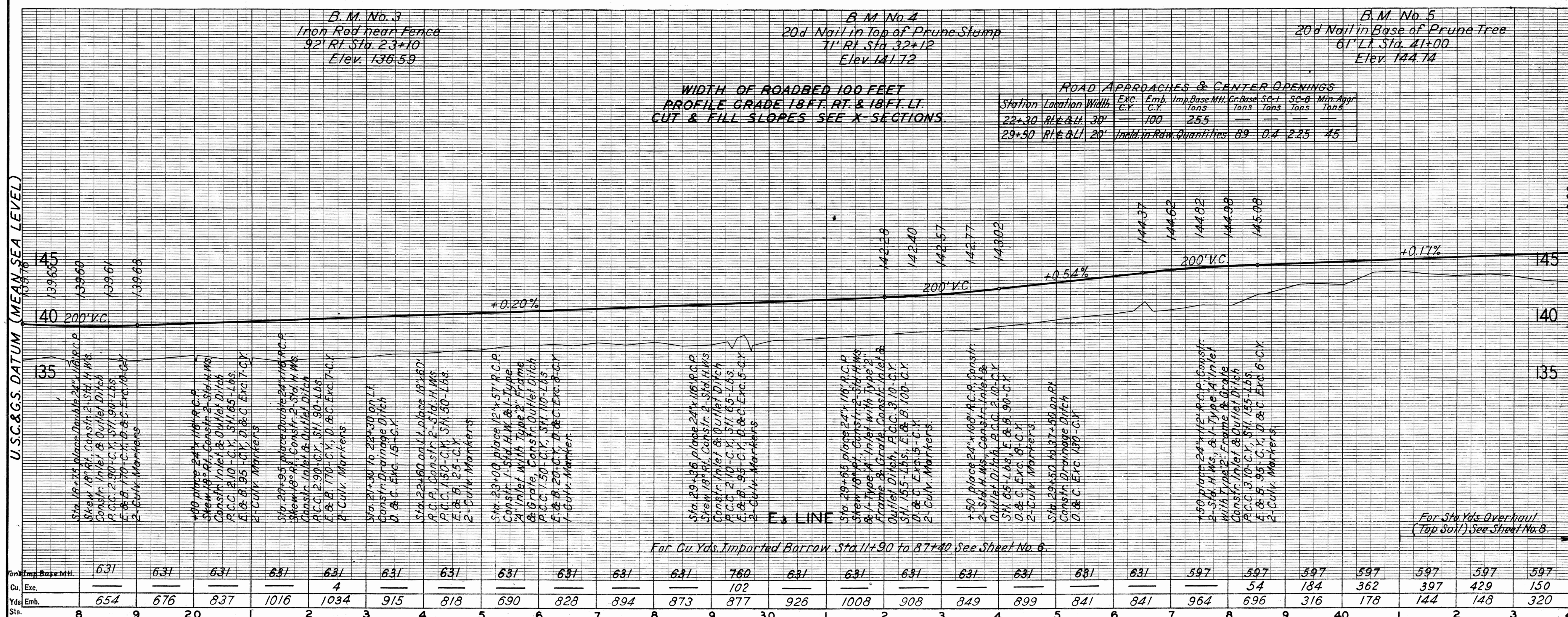
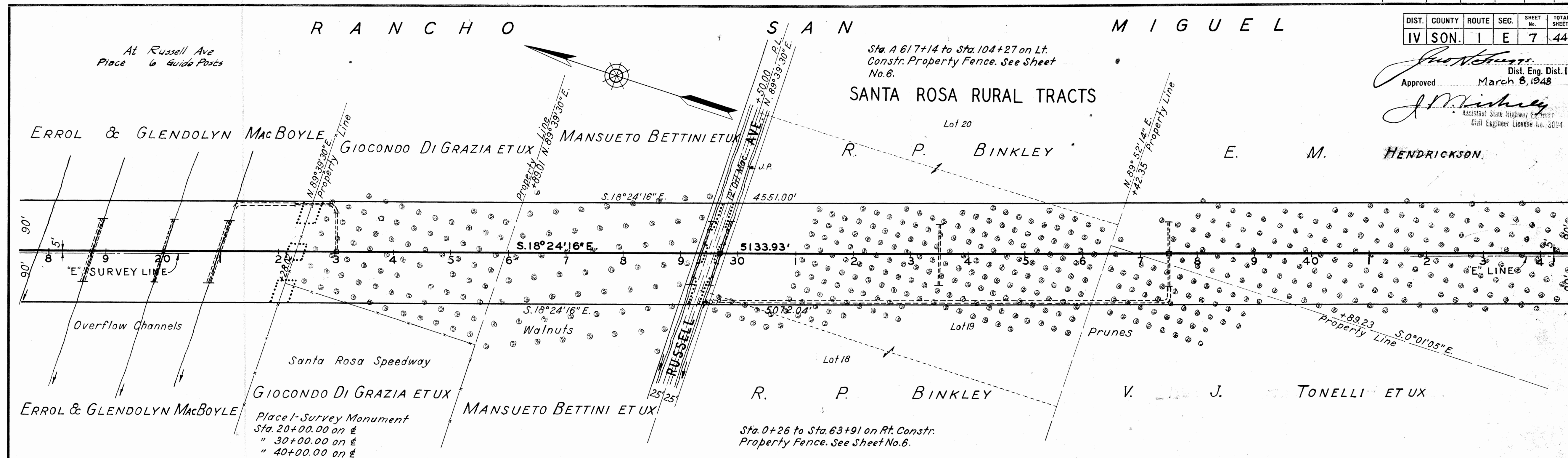
J. M. Gillis
Asst. State Highway Engineer

Approved *[Signature]* Dist. Eng. Dist. IV
March 8, 1948
[Signature]
Assistant State Highway Engineer
Civil Engineer License No. 3094

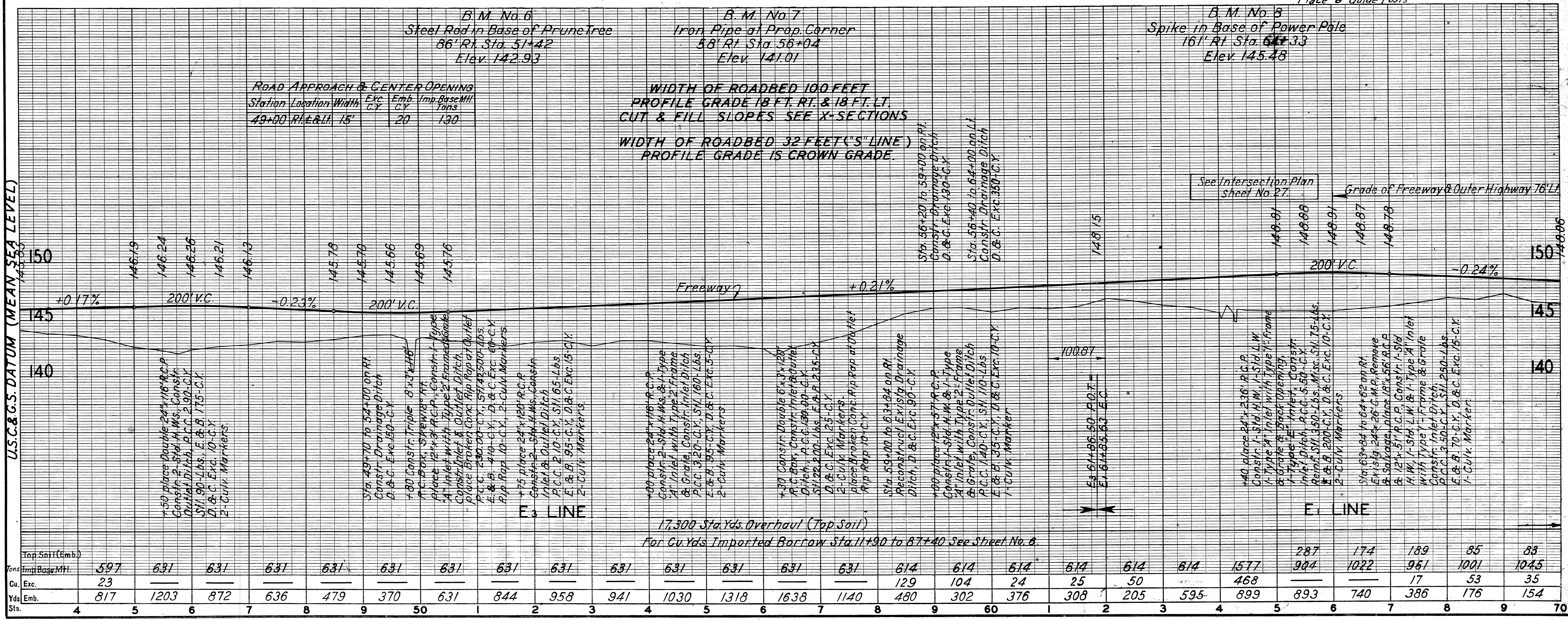
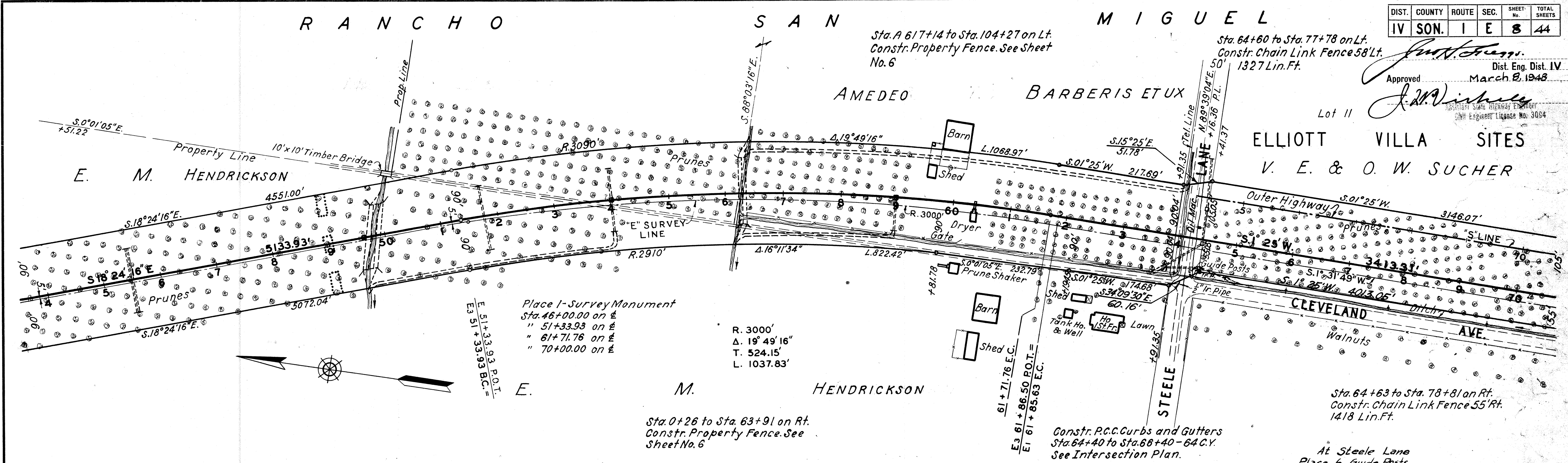


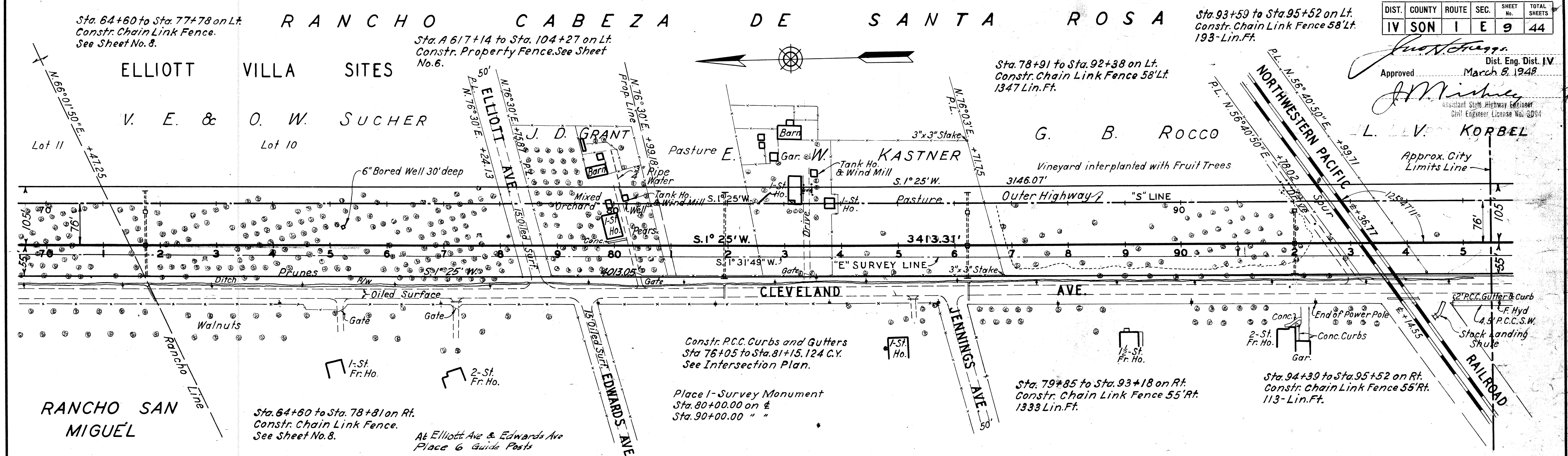
Gro. V. Huns
Dist. Eng. Dist. I
Approved March 8, 1948

J. M. Wiskey
Assistant State Highway Engineer
Civil Engineer License No. 2024

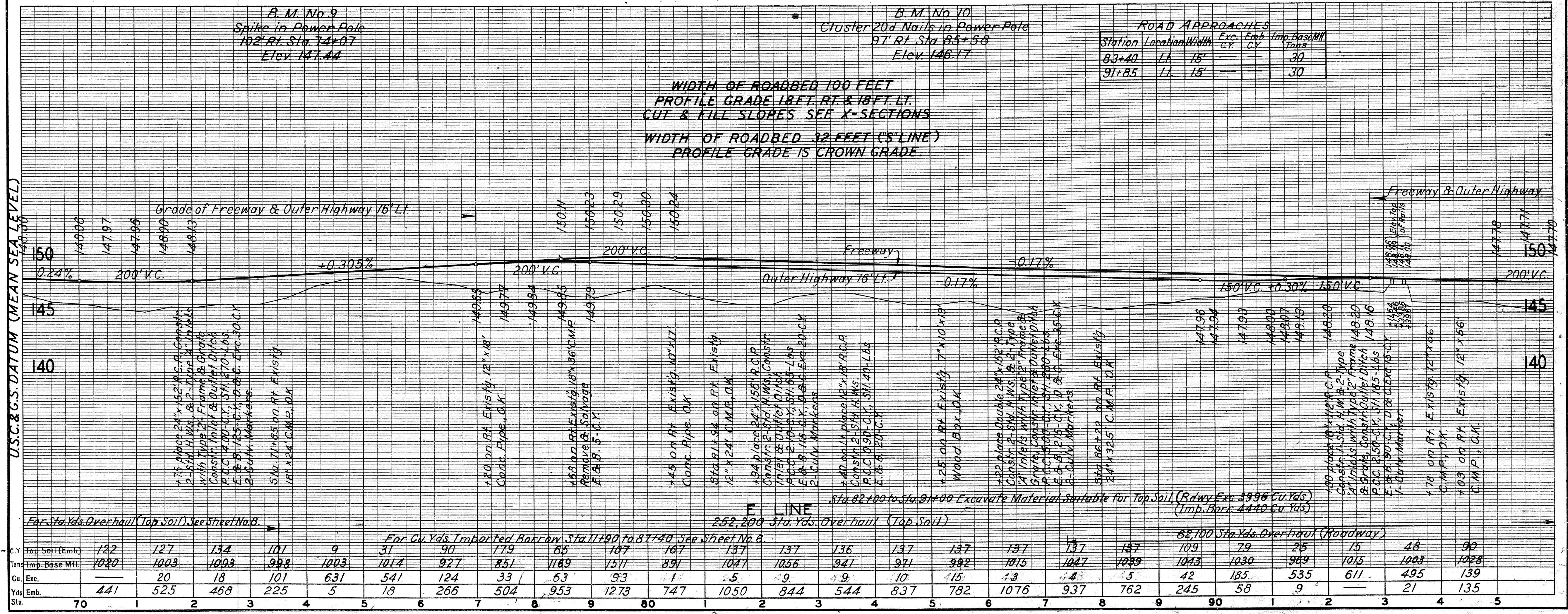


Approved *J. A. V. [Signature]*
Dist. Eng. Dist. IV
March 2, 1948
Lot II
Elliott Villa Sites
V. E. & O. W. SUCHER





U145(17)
DIST. COUNTY ROUTE SEC. SHEET TOTAL
IV SON I E 9 44
Approved March 8, 1948
J. M. Wiskey
Assistant State Highway Engineer
Civil Engineer License No. 6094

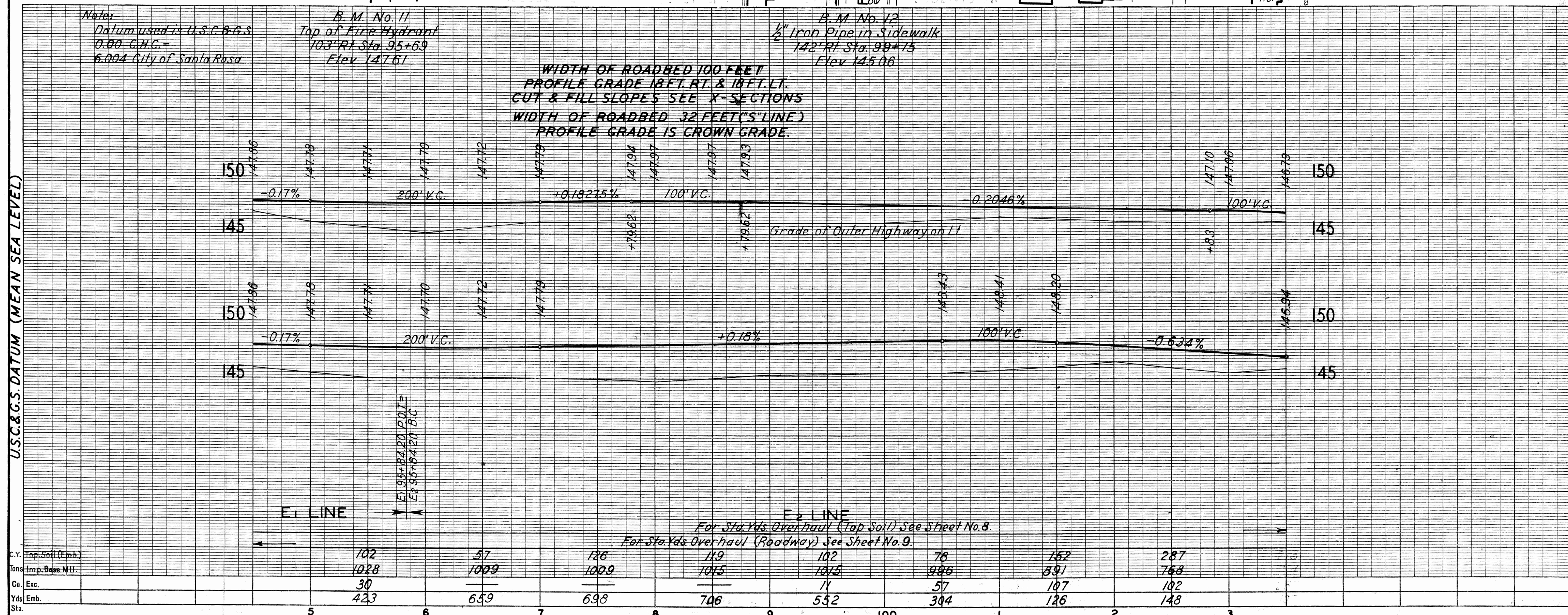


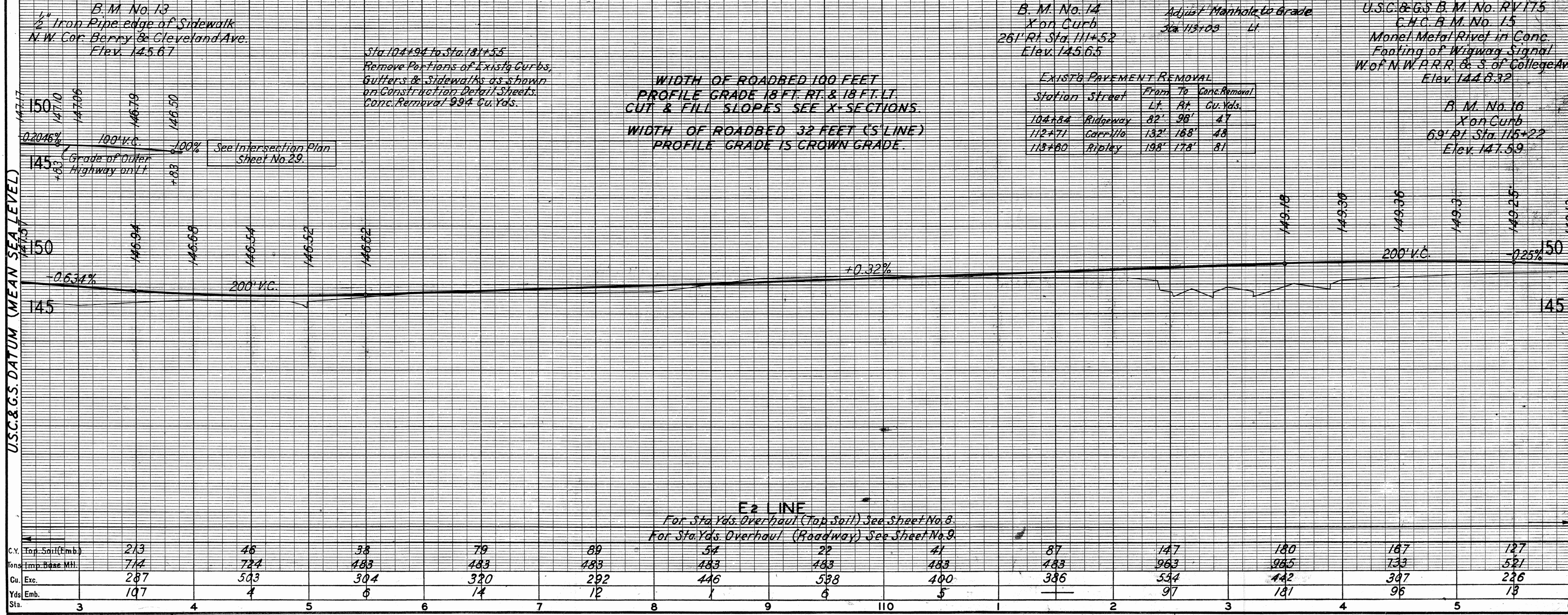
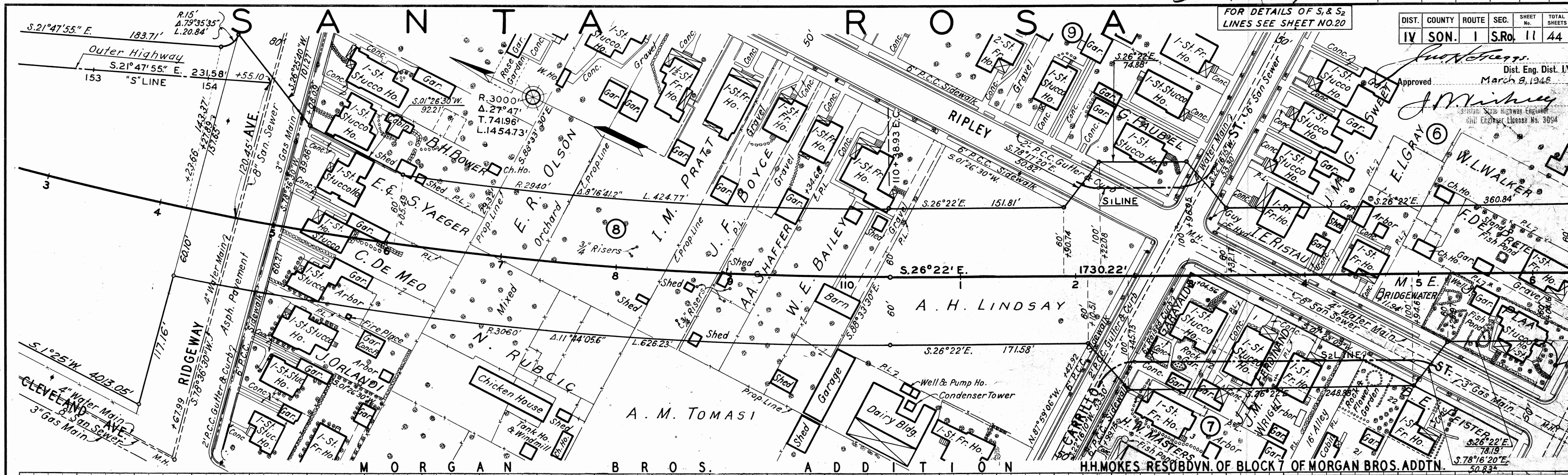
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

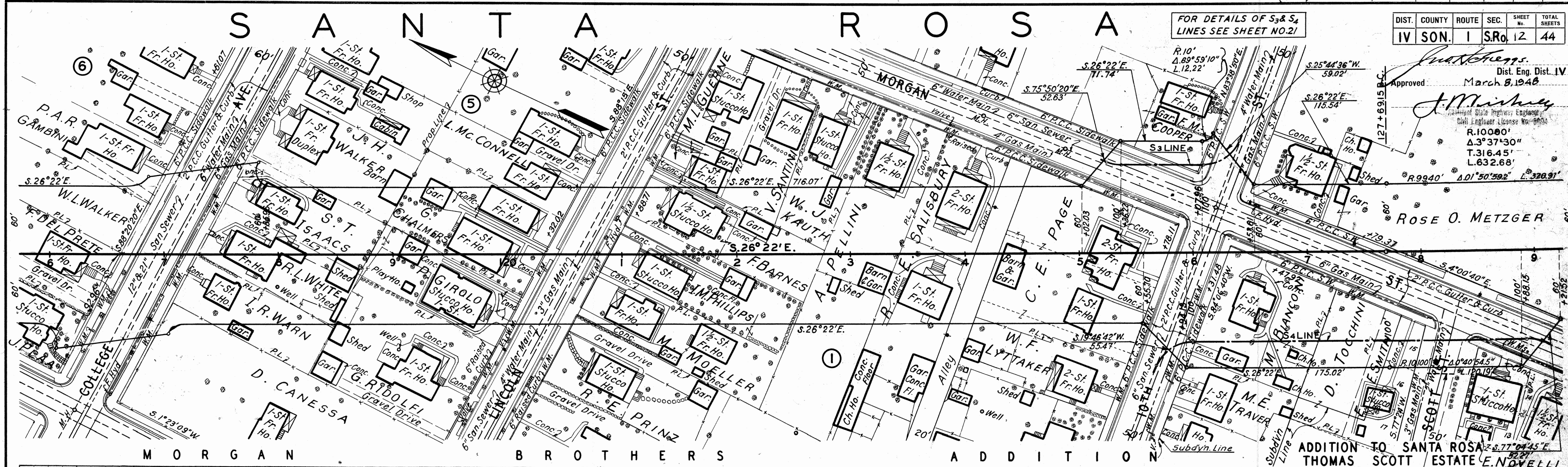
DIST.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
IV	SON.	1	S.Rd. 10	44	

Approved: *J.M. Minner*
 Dist. Eng. Dist. IV
 March 2, 1948
 Assistant State Highway Engineer
 Civil Engineer License No. 5894

Utilities
 Water - City of Santa Rosa (except as noted)
 Storm & San. Sewer - City of Santa Rosa
 Gas & Power - P.G. & E. Co.
 Elect. Conduit & Telephone - P.T. & T. Co.



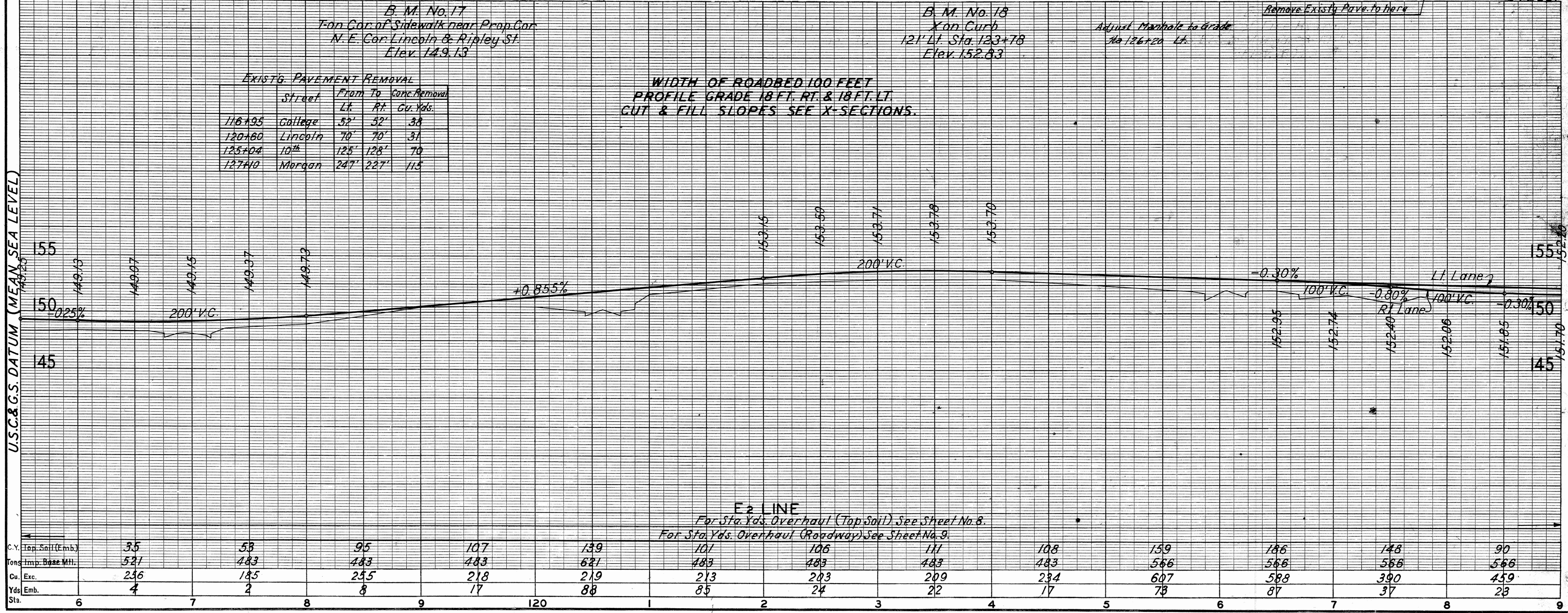




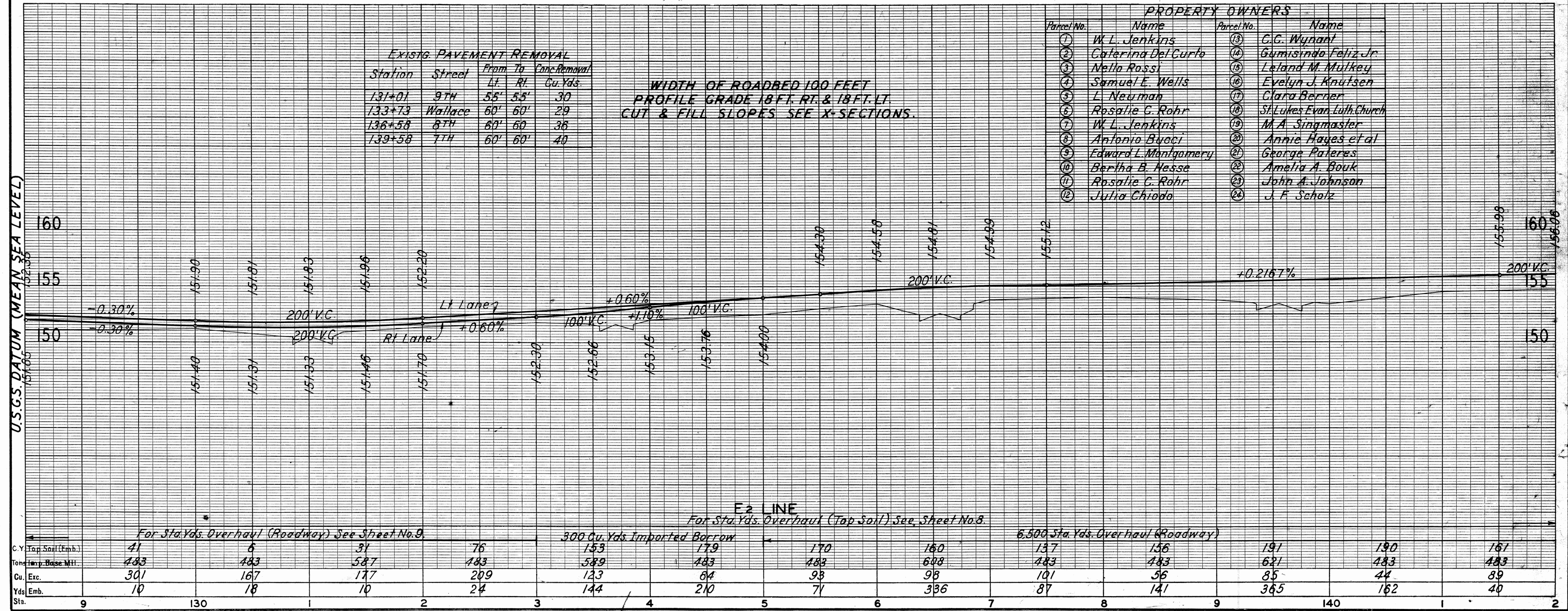
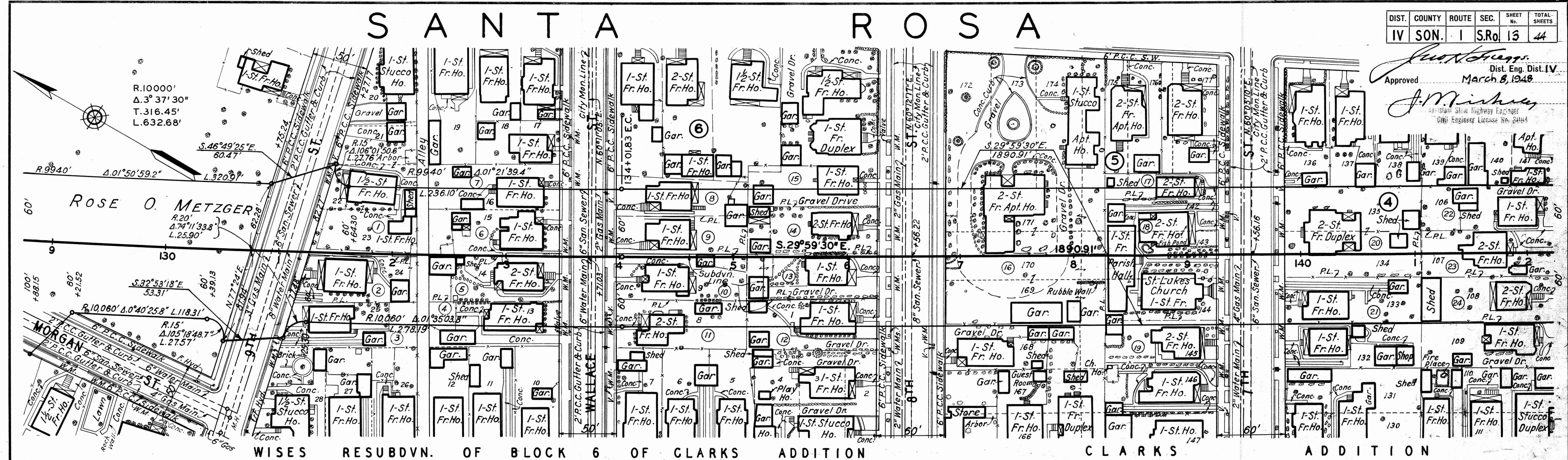
FOR DETAILS OF S₃ & S₄ LINES SEE SHEET NO. 21

DIST.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
IV	SON.	I	SR ₀	12	44

Approved: *J. M. Miskew*
 Dist. Eng. Dist. IV
 March 8, 1948
 R. 1008.01
 Δ 3° 37' 30"
 T. 316.45'
 L. 632.68'
 Δ 01° 50' 29.2" E. 320.91'



Approved: *[Signature]*
 Dist. Eng. Dist. IV
 March 8, 1948
 J. M. [Signature]
 AS-BY-SHA Highway Engineer
 Civil Engineer License No. 2444

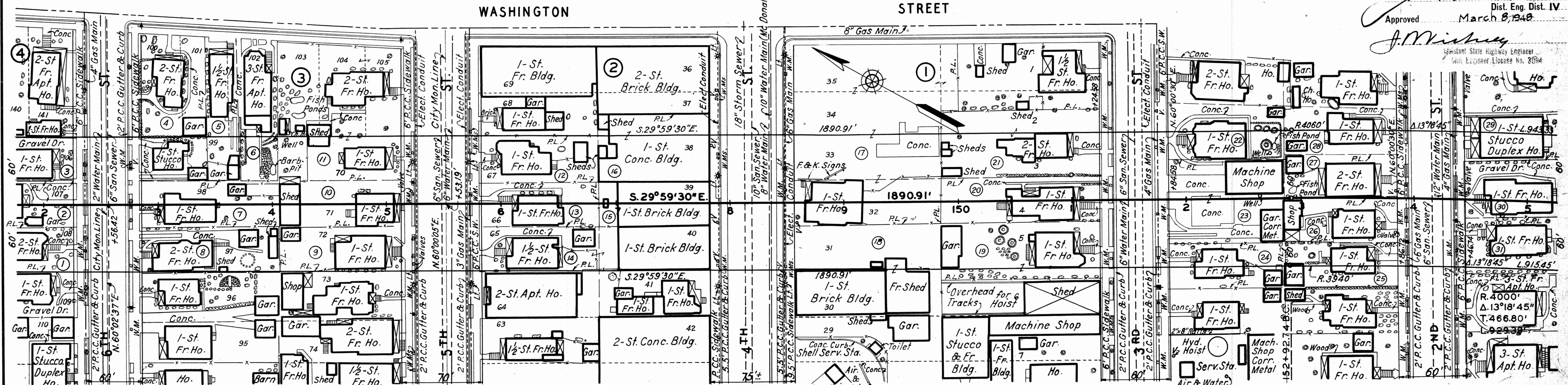


SANTA ROSA

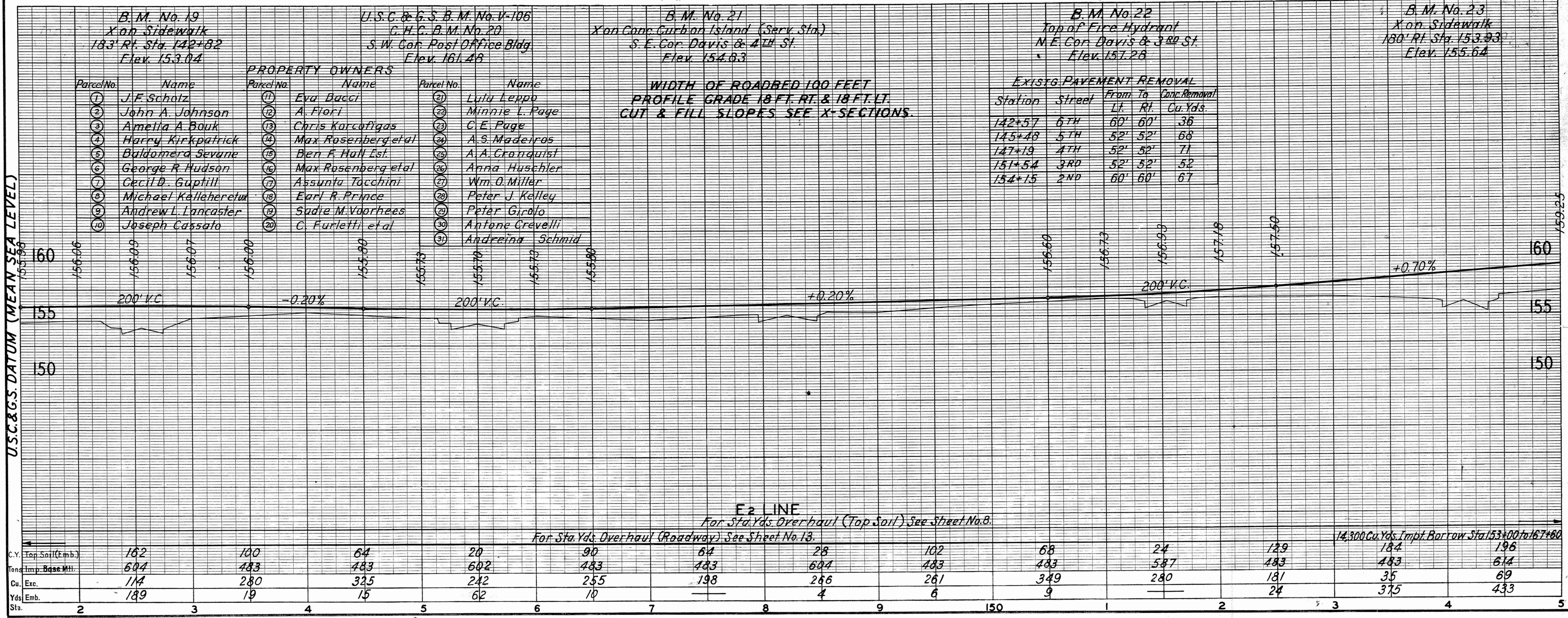
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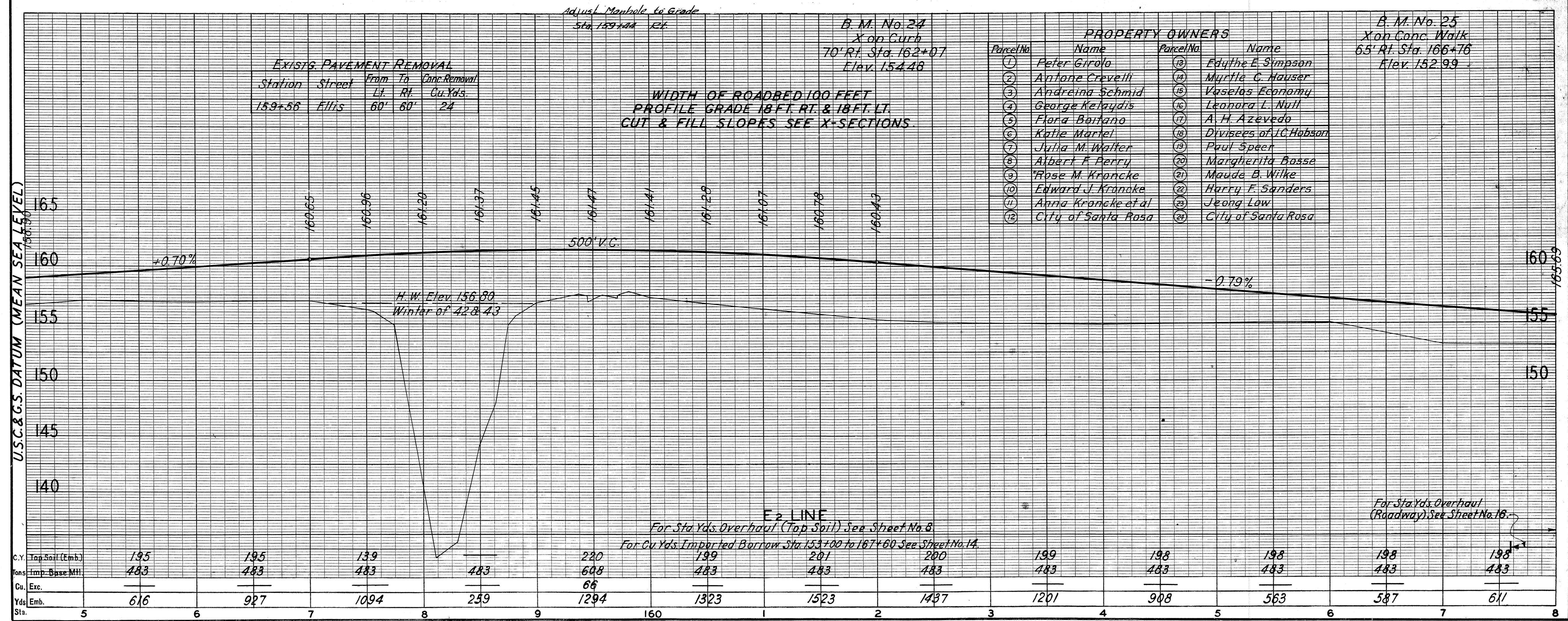
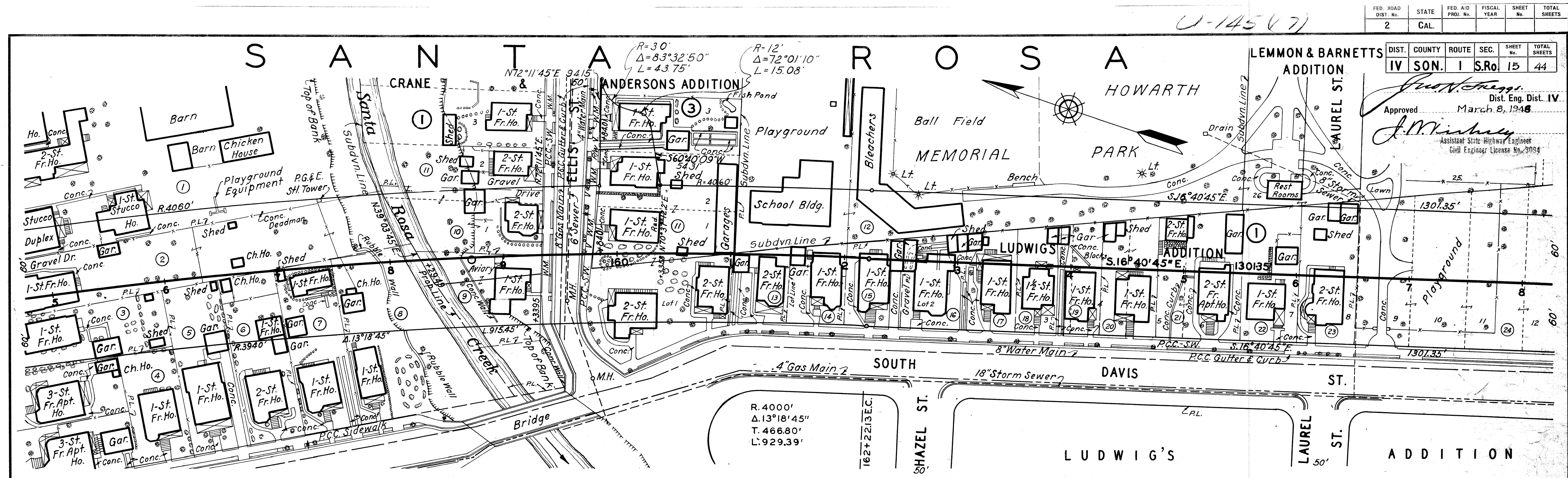
DIST. COUNTY ROUTE SEC. SHEET No. TOTAL SHEETS
IV SON. I S.R. 14 44

Approved *[Signature]* March 8, 1948
Dist. Eng. Dist. IV.
[Signature]
Assistant State Highway Engineer
San Francisco, California

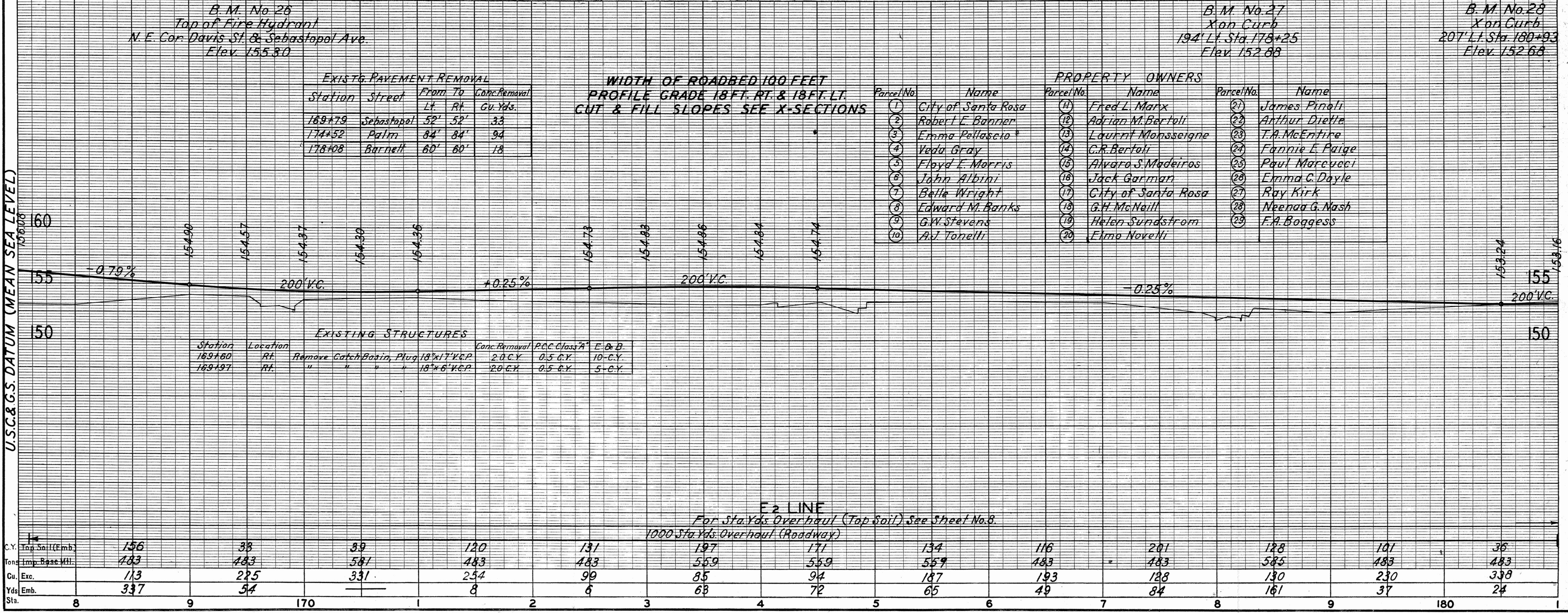
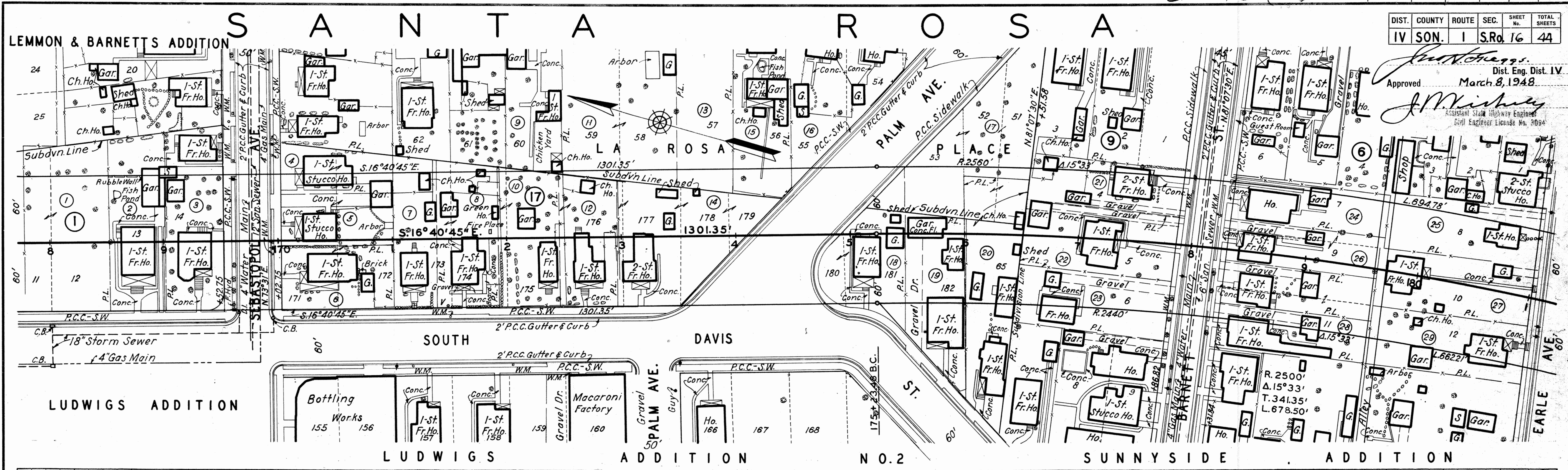


CLARK'S ADDITION





Approved March 8, 1948
J.M. Kishner
Assistant State Highway Engineer
Civil Engineer License No. 2094

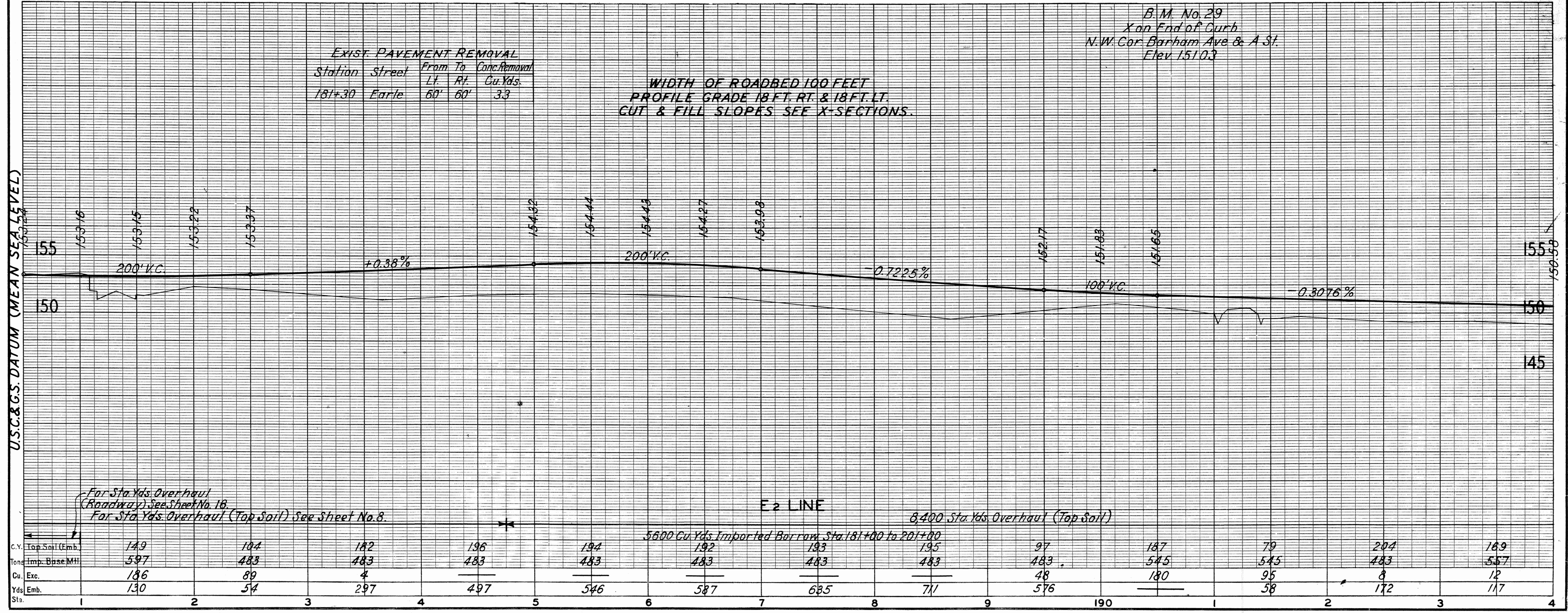
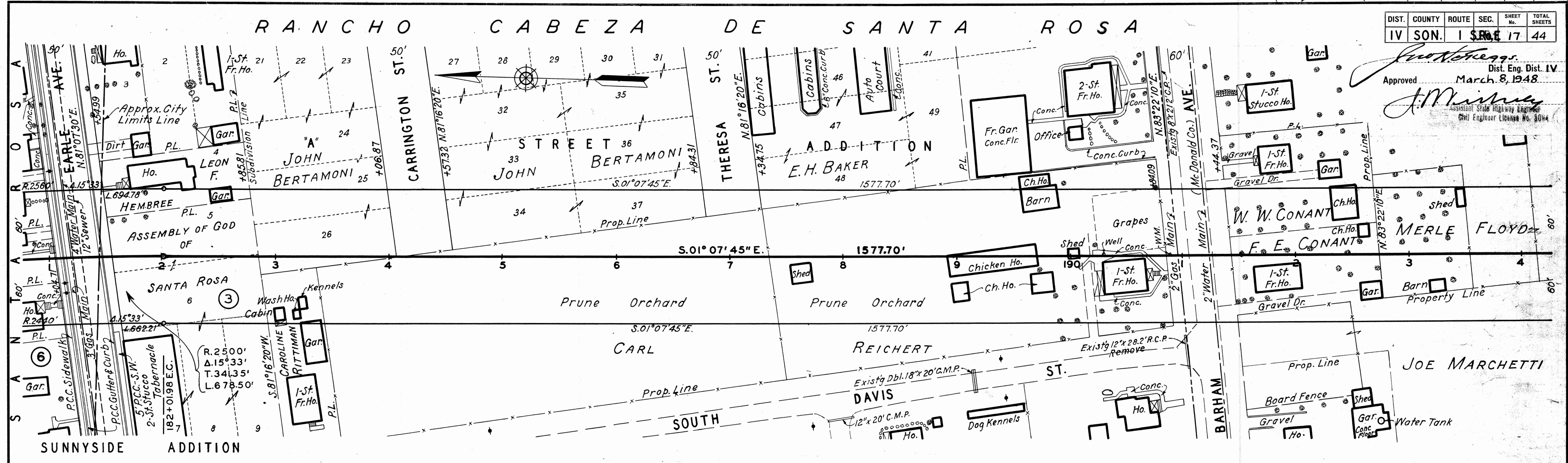


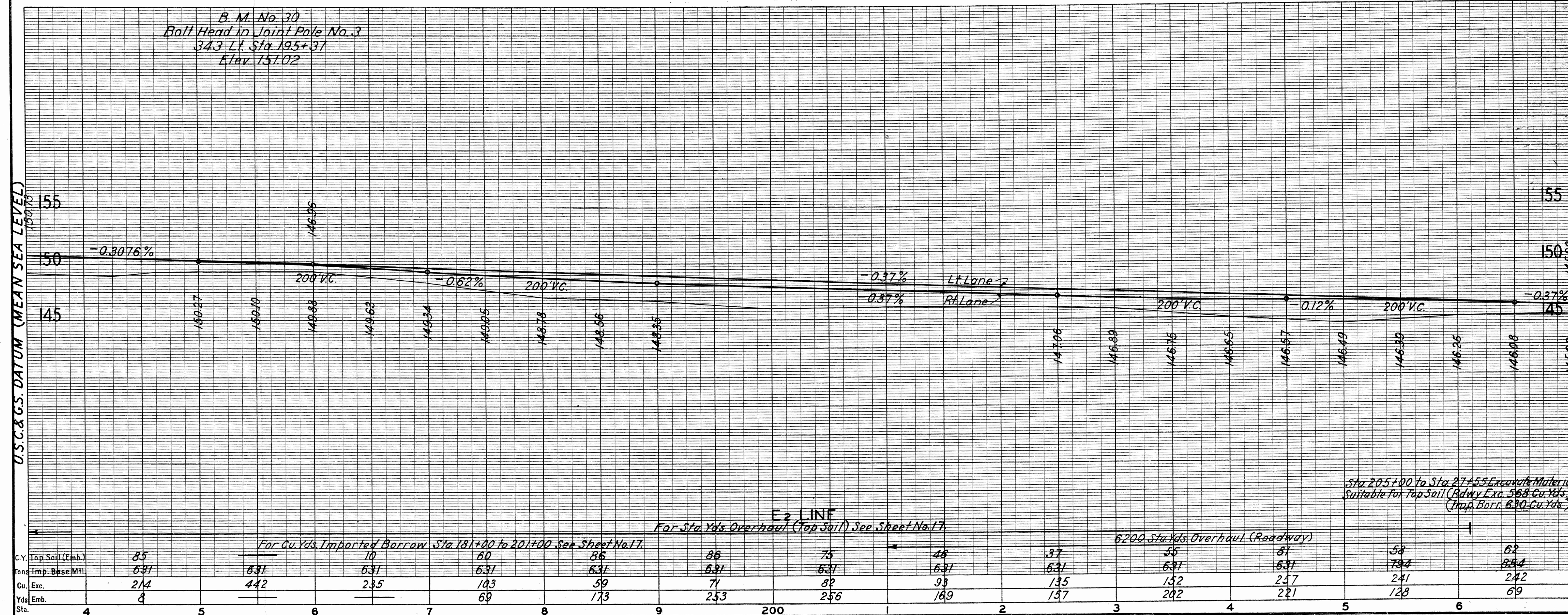
11-145(17)

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

DIST.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
IV	SON.	1	17	44	

Approved March 8, 1948
J. M. [Signature]
Dist. Eng. Dist. IV
Assistant State Highway Engineer
Civil Engineer License No. 9094





11-145(17)

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

DIST.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
IV	SON.	1	EFC	19	44

Approved *John H. ...* Dist. Eng. Dist. IV
March 8, 1948
J. H. ...
ASSISTANT STATE HIGHWAY COMMISSIONER
CALIF. ENG. LIC. NO. 3894

